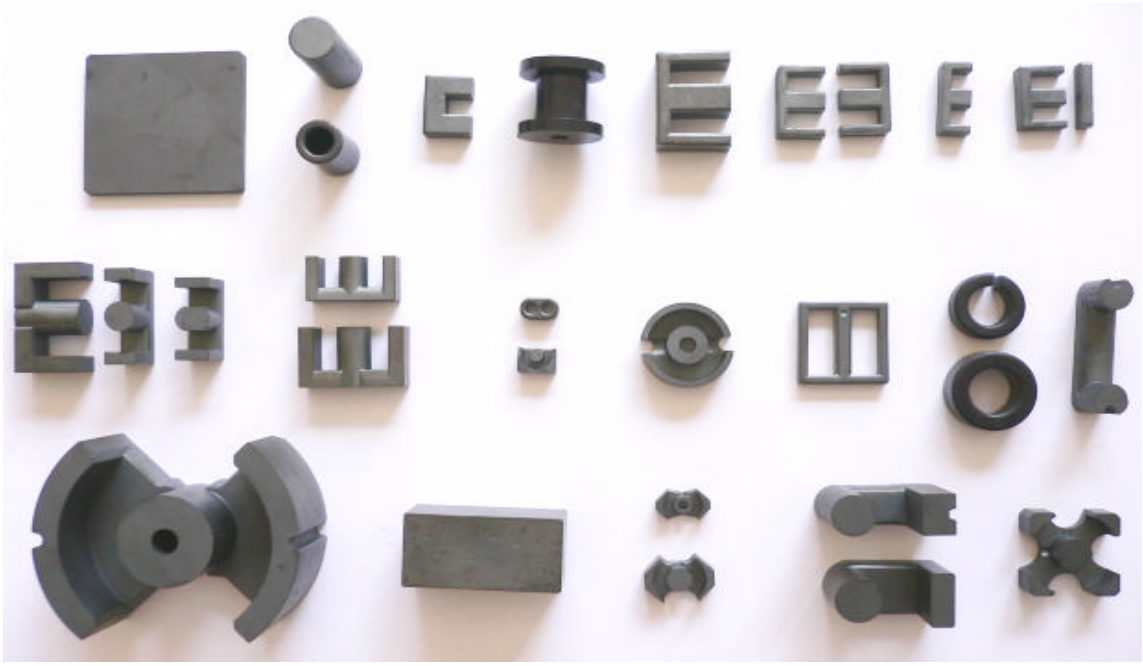
PRODUCT CATALOG



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CONVERSION TABLE

SIMB.	DESCRIÇÃO	MKS	CGS
B	Magnetic Flux Density	1 Wb/m², T	10^4 Gauss
		1 T = 1 Vs/m²	10^4 Gauss
		1 mT	10 Gauss
H	Magnetic Field Strength	1 A/m	1.257 x 10-2 Oe
F	Magnetic Flux	1 Wb	10^8 Maxwell
		1 Wb + 1Vs = 1 Tm²	
mo	Magnetic Field Constant	1.257 x 10^{-6} T/(A/m)	1 Gauss/Oe
		1.257 x 10^{-6} H/m	1 Gauss/Oe
		1.257 x 10^{-6} H/m	12.57 nH/cm

FORM OF MAGNETISM

FORMULA	
$B = \frac{V_{RMS} \times 10^8}{4{,}44 \times f \times N \times Ae}$ [Gauss] Sine Wave	$\mu\iota = \frac{1}{\mu_o} \quad \underset{^{\Delta}H? \ 0}{\text{Lim}} \quad \frac{\Delta B}{\Delta H}$
$B = \frac{V_{RMS} \times 10^8}{4 \times f \times N \times Ae}$ [Gauss] Square Wave	$\mu\iota \cong \frac{AL \times \Sigma \ I / A}{\mu_o}$
$H_{DC} = \frac{.0{,}4 \times \pi \times N \times I_{DC}}{Le}$ [Oe]	$AL = \frac{L}{N^2}$ [nH] B ? 0,25 mT ou 2,5 Gauss
$H = \frac{1{,}41 \times 0.4 \times \pi \times N \times I_{RMS}}{Le}$ [Oe]	

Legend:

H = Field strength [Oe]
B = Flux Density [Gauss]
L = Indutance [nH]
AL = Indutance Factor [nH]
Σ I/A = Core Factor [cm-¹]
Le = Effective Length [cm]
Ae = Effective Area [cm2]
μ_ι = Initial permeability
μ_e = Effective Permeability
V_{RMS} = Volts RMS [V]
I_{DC} = DC current [A]
I_{RMS} = RMS current [A]
f = Frequency [HZ]
N = Nbr. of turns
μ_o = 12.57 [nH/cm]
Measurement conditions of AL : B £ 0,25 mT or 2,5 Gauss
f = 4 a 10 Khz

TERMINOLOGY

SYMB.	DESCRIPTION
H	**Magnetic Field Strength** The externally applied magnetizing force that induces magnetic flux in a magnetic material.
Hs	**Saturation Field Strength** The magnetic force (H) needed to achieve saturation.
Hc	**Coercive Force** The magnetic force required to reduce the magnetic induction (Br) to zero.
B	**Flux Density** The flux per unit area induced by a field strength (H).
Bs	**Saturation** The value of magnetic flux density atl saturation.
Br	**Remanance** The residual magnetic induction (B) in a material after the magnetizing force (H) is reduced to zero.
μ	**Permeability (relative)** The capacity of a material to conduct a magnetic flux in relation to air. (Air is assumed to have permeability of 1), or the magnetic flux (B) divided by the magnetic force (H).
μi	**Permeability (initial)** The relative permeability at very low magnetic field strength.
μe	**Permeability (effective)** The relative permeability of a core including any air gaps.
μap	**Permeability (apparent)** The inductance of a winding with a core divided by the inductance of the same winding without the core. (map=L/Lo)
AL	**Inductance Factor** The inductance in nH of 1 turn. (B< 0,25 mT or 2,5 Gauss)
Tc	**Curie Temperature** The temperature at which the material looses all of its magnetic properties. Permeability falls to 1, that of free air.
Le	**Effective Length of Magnetic Field** The length that the magnetic flux takes through a core.
Ae	**Effective Area** The normalized core area perpendicular to the magnetic flux.
Ve	**Effective Volume** The effective magnetic volume of a core.
Σ l/A	**Core Factor**
T_F	**Temperature Factor**
D_F	**Disaccommodation Factor**
P_P	**Core Loss (power)**
η_B	**Hysteresis Constant**
ρ	**Densidade**
tan $\delta/\mu\iota$	**Dissipation Factor**

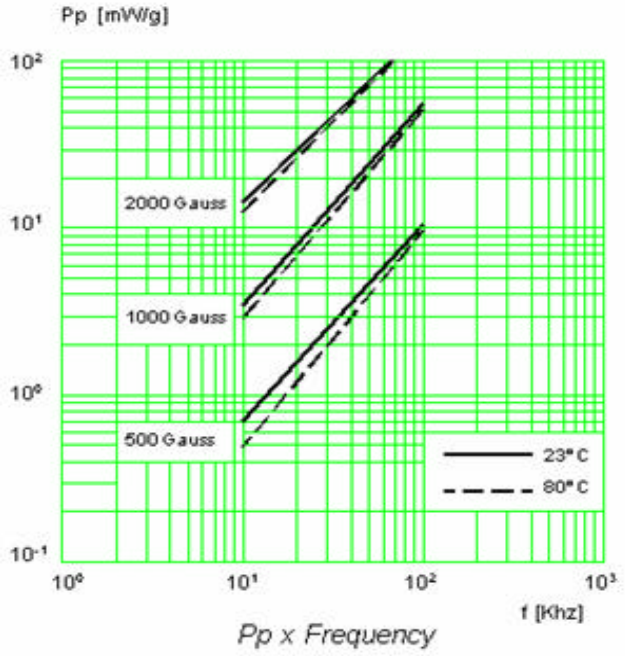
MATERIAL CHARACTERISTICS

MATERIAL	IP6	IP6I2	IP6I3	IP12R	IP12E	TH50	TH60	ELM4
Initial Permeability µi	2000 ± 25%	2200 25%	2200 25%	2100 ± 25%	2300 ± 25%	5000 ± 25%	6000 ± 25%	450 ± 30%
Dissipation Factor (rel.) f = 10 [Khz]	---	≤ 2,0	≤ 1,0	---	---	---	---	---
tan δ / µi .10^{-6} f = 100[Khz]	---	≤ 10,0	≤ 5,0	---	---	---	---	---
Curie Temperature [Â°C]	≥ 165	≥ 140	≥ 160	≥ 210	≥ 210	≥ 130	≥ 130	≥ 140
Coercivity [A/m]	18	18	15	18	18	10	10	40
Flux Density (^B) a 10 Oe, 23Â°C [10^{-3} T]	---	410	400	---	---	390	390	260
Flux Density (^B) a 15 Oe, 23Â°C [10^{-3} T]	480	---	---	510	510	---	---	---
Hysteresis Constant (η_B) [10^{-3} /T]	≤ 8,0	≤ 8,0	≤ 1,5	---	---	≤ 1,3	≤ 1,3	---
Disaccommodation Factor (D_F) [ppm]	10	≤ 7,0	≤ 5,0	---	---	---	---	---
Density (ρ) [Kg/m^3]	4800	4800	4800	4800	4800	4900	4900	4900

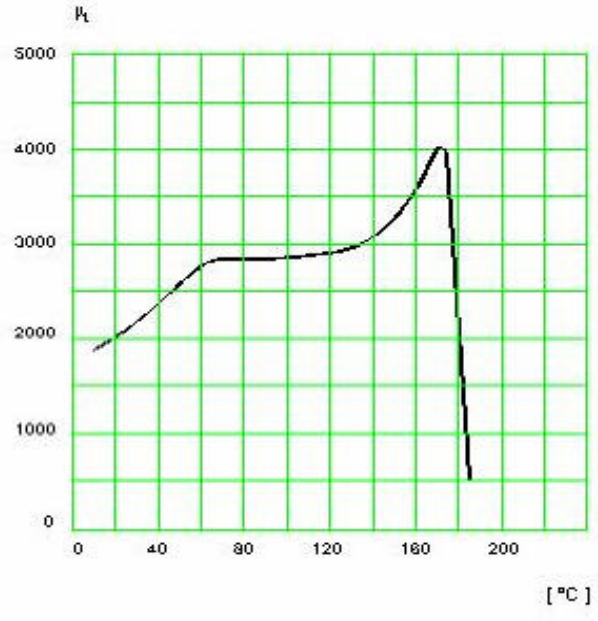
The material shown above can be used as options for cores in this catalog.

MATERIALS

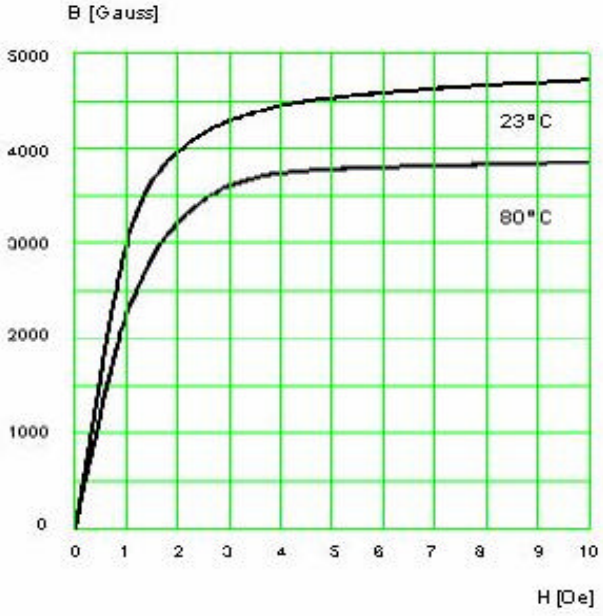
IP6			
SYMB.	CONDITIONS	VALUE	UNIT
μi	23 °C	2000 ± 25%	- - -
B	15 Oe, 23 °C	4800	Gauss
P_P	2000 Gauss 20 Khz, 80 °C	30,0	mW/g
T_C	- - -	> 165	°C
ρ	- - -	4800	Kg/m^3



Pp x Frequency



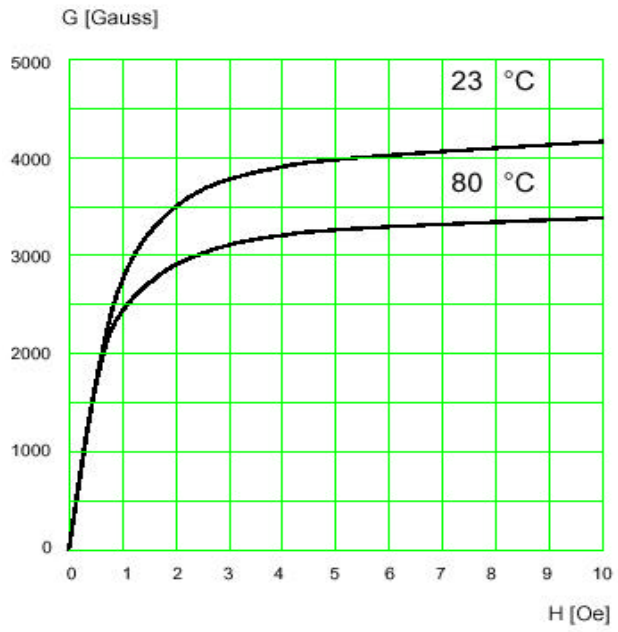
μi x Temperature



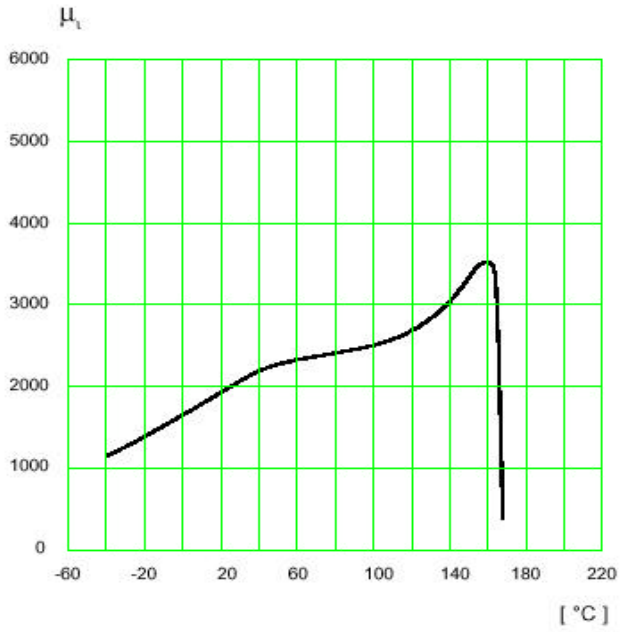
Typical B x H

MATERIALS

IP6I2			
SYMB.	CONDITIONS	VALUE	UNIT
μi	23 °C	2200 ± 25%	- - -
B	10 Oe 23 °C 80 °C	4100 3400	Gauss
T_F	25 °C A 55 °C	1,0 ± 1,0	10^{-6} / °C
D_F	- - -	≤ 7,0	10^{-6}
tan δ / μι	f = 10 [Khz] f = 100 [Khz]	≤ 2,0 ≤ 2,0	10^{-6}
? ?	- - -	≤ 8,0	10^{-3} / T
T_C	- - -	≥ 140	°C
H_C	- - -	18,0	A/m
?	- - -	≅ 4900	Kg/m^3



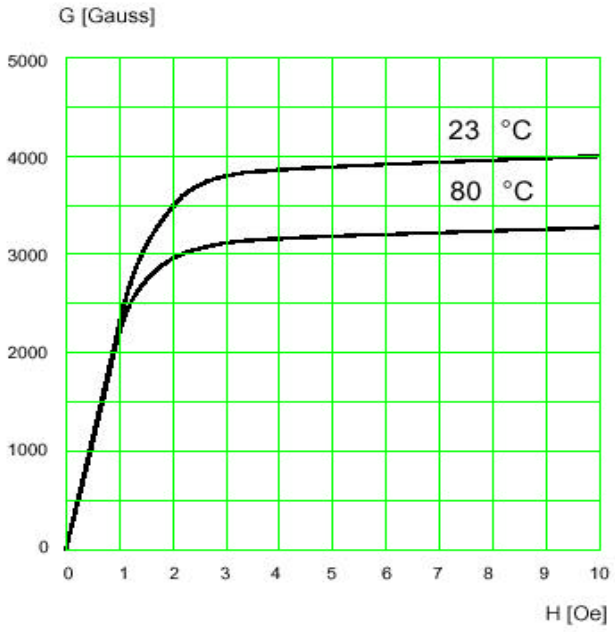
Typical B x H



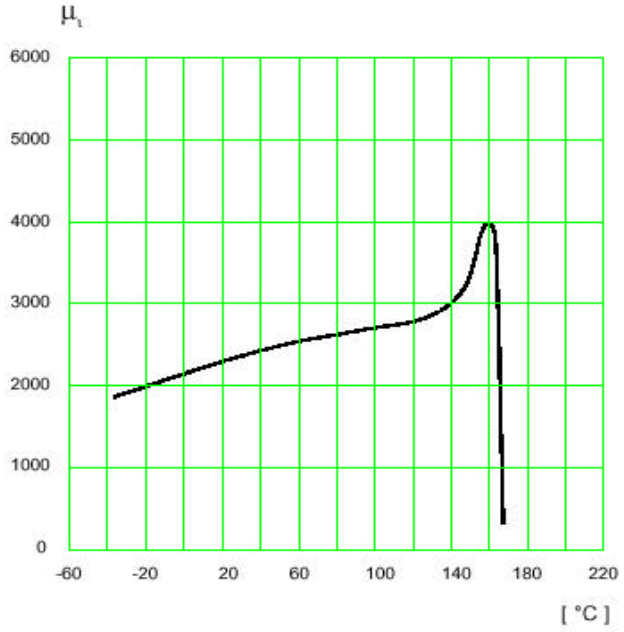
μι x Temperature

MATERIALS

IP6I3			
SYMB.	CONDITIONS	VALUE	UNIT
μi	23 °C	2200 ± 25%	- - -
B	10 Oe 23 °C 80 °C	4000 3300	Gauss
T_F	25 °C a 55 °C	1,0 ± 1,0	10^{-6} / °C
D_F	- - -	≤ 5,0	10^{-6}
tan δ / μι	f = 10 [Khz] f = 100 [Khz]	≤ 1,0 ≤ 5,0	10^{-6}
? ?	- - -	≤ 1,5	10^{-3} / T
T_C	- - -	≥ 160	°C
H_C	- - -	15,0	A/m
?	- - -	≅ 4800	Kg/m^3



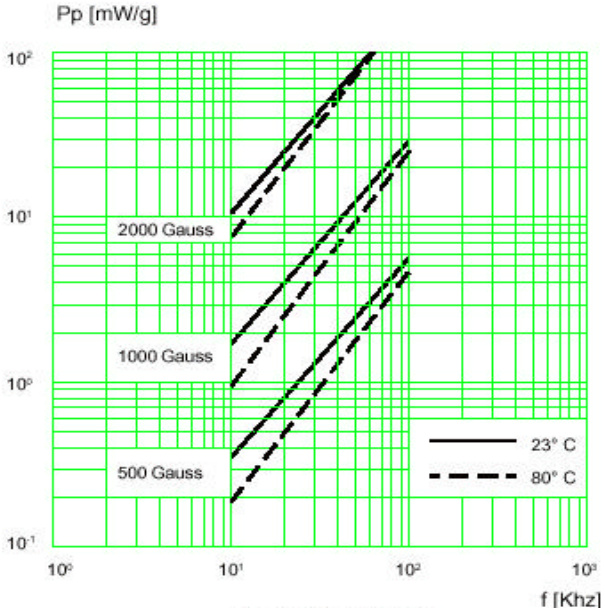
Typical B x H



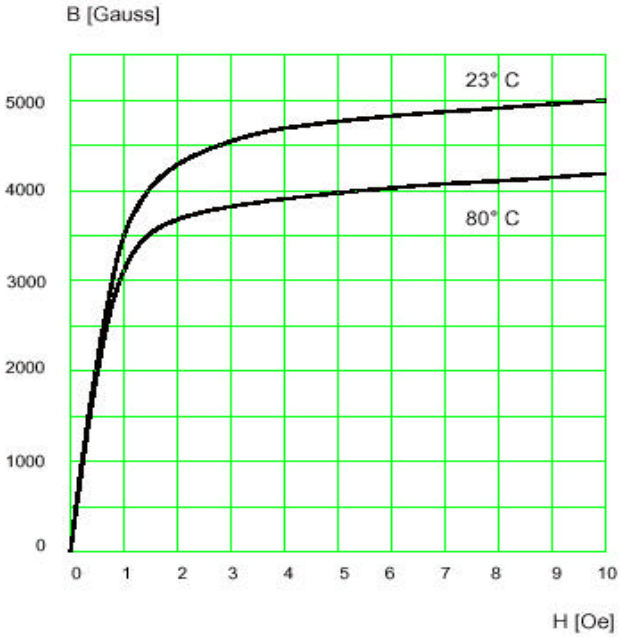
μι x Temperature

MATERIALS

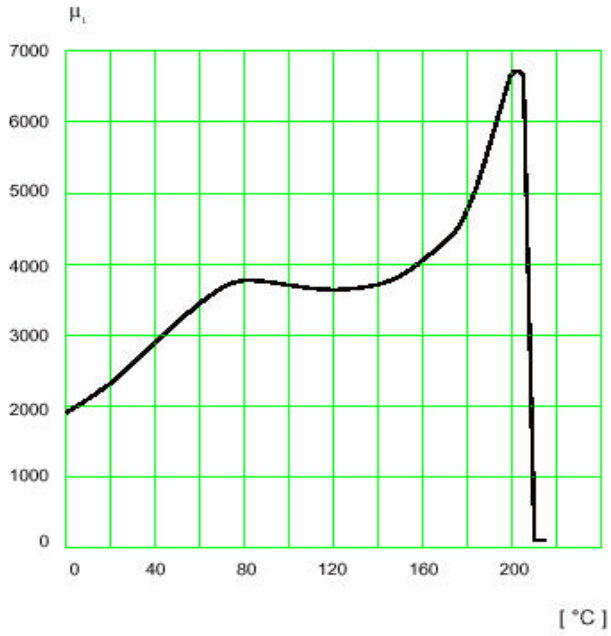
IP12R			
SYMB.	CONDITIONS	VALUE	UNIT
μi	23 °C	2100 ± 25%	- - -
B	15 Oe, 23 °C	5100	Gauss
P_P	2000 Gauss 20 Khz, 80 °C	20	mW/g
T_C	- - -	> 210	°C
ρ	- - -	4800	Kg/m^3



P_p x Frequency



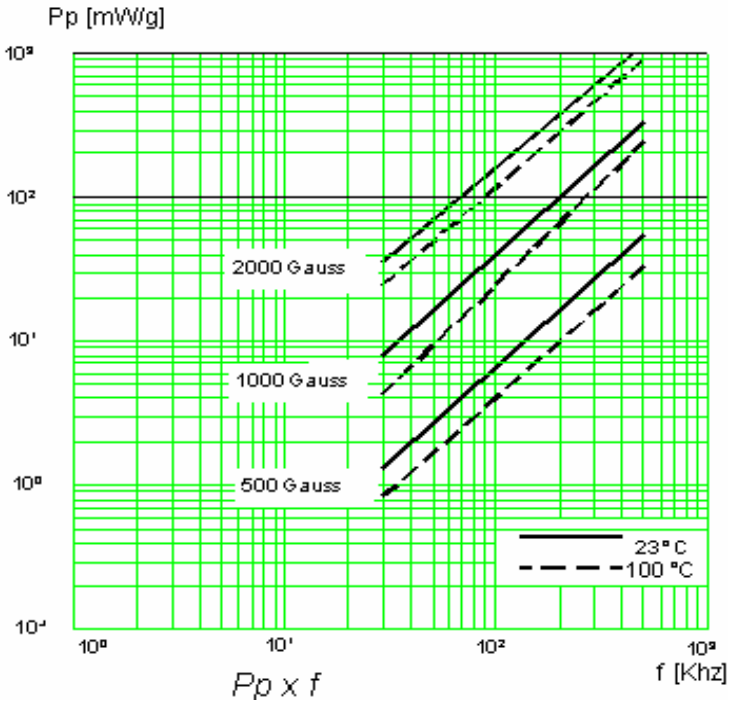
Typical B x H

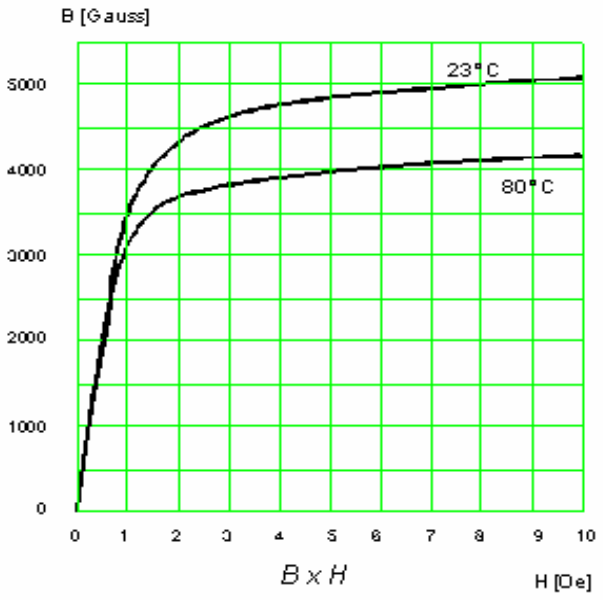


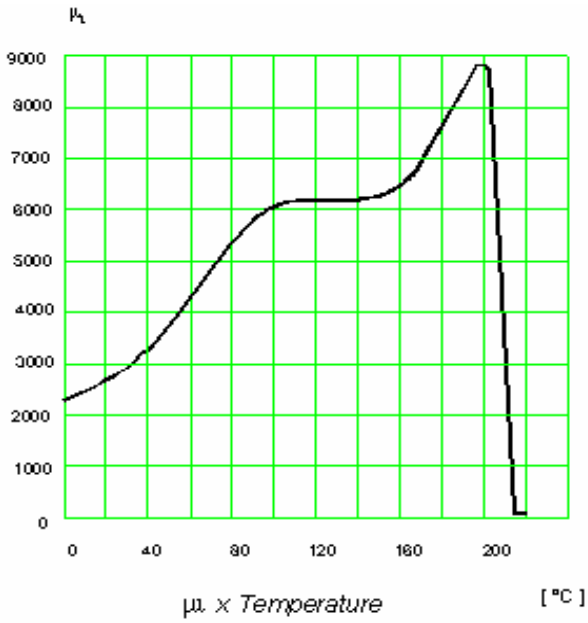
μι *x Temperature*

MATERIALS

IP12E			
SYMB.	CONDITIONS	VALUE	UNIT
μi	23 °C	2300 ± 25%	- - -
B	15 Oe, 23 °C	5100	Gauss
P_P	2000 Gauss 100 Khz, 80 °C	110	mW/g
T_C	- - -	> 210	°C
ρ	- - -	4800	Kg/m^3

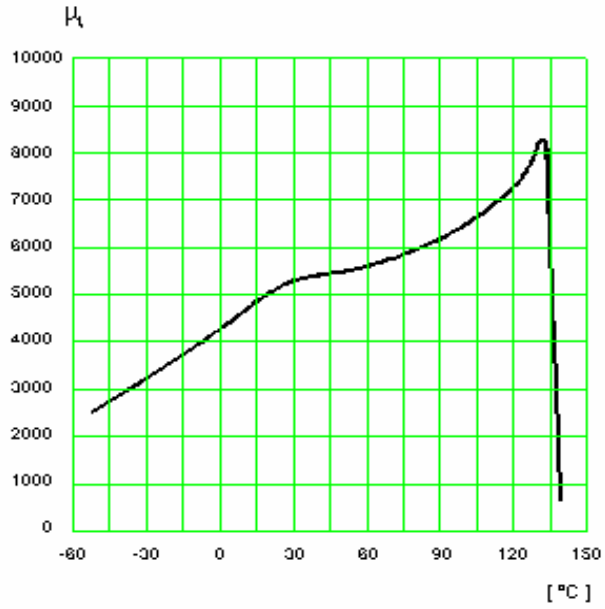




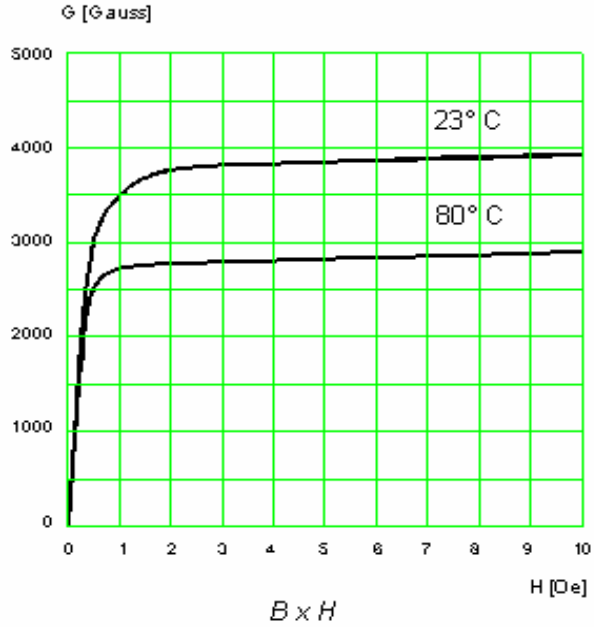


MATERIALS

TH50			
SYMB.	CONDITIONS	VALUE	UNIT
μi	23 °C	5000 ± 25%	- - -
B	10 Oe 23 °C 80 °C	3900 2700	Gauss
T_F	- - -	- - -	10^{-6} / °C
D_F	- - -	- - -	10^{-6}
??	- - -	≤ 1,3	10^{-3} / T
T_C	- - -	≥ 130	°C
H_C	- - -	10,0	A/m
?	- - -	≅ 4900	Kg/m^3



μi x Temperature

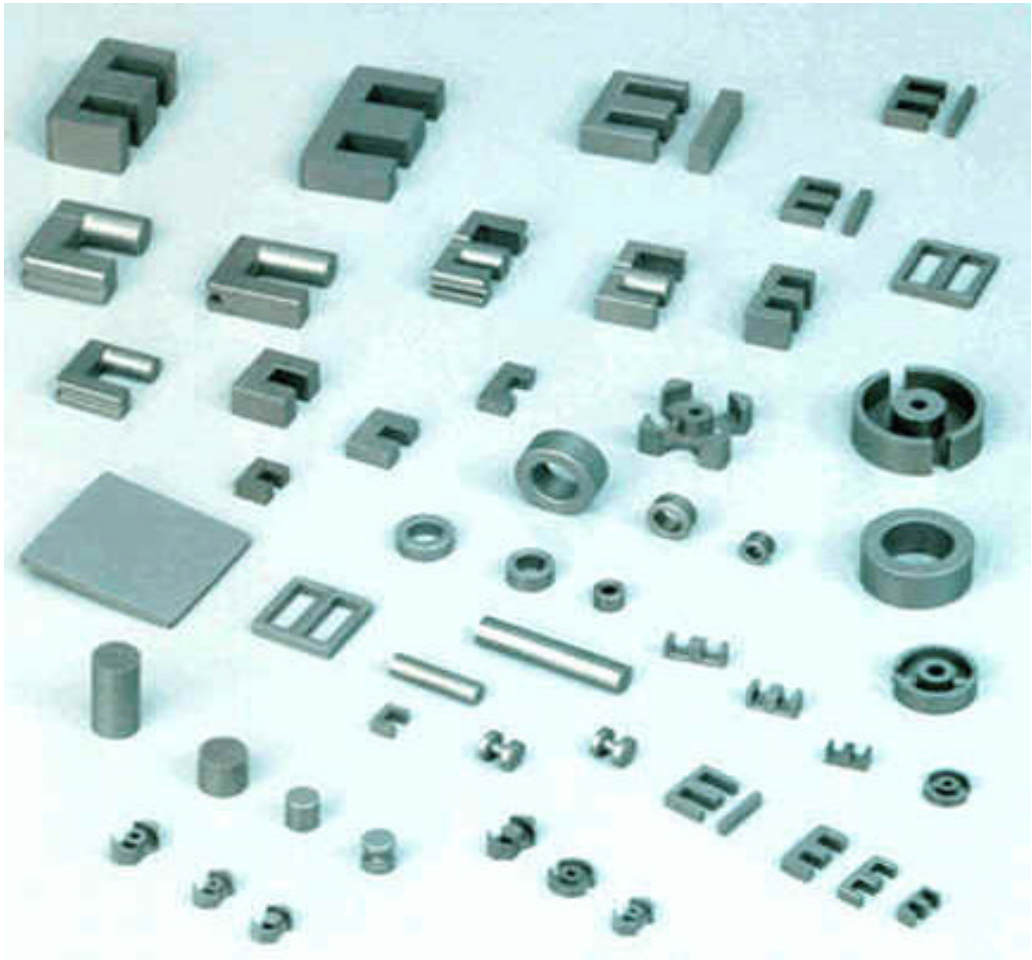


B x H

MATERIALS

ELM4			
SYMB.	**CONDITIONS**	**VALUE**	**UNIT**
μi	23°C	450 ± 30%	- - -
B	10 Oe, 23°C	>260	Gauss (G)
H_c	23°C	40	Oersted
T_C	- - -	>140	°C
ρ	23°C	$>10^6$	O.cm

PRODUCTS



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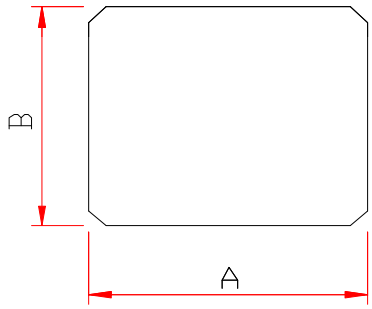


FIG. 1

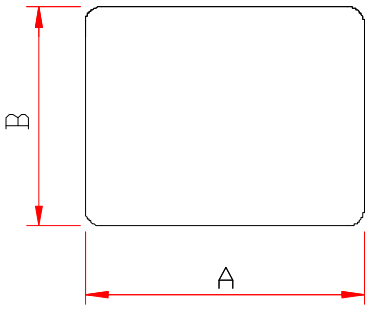
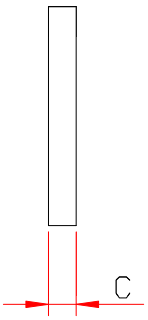


FIG. 2



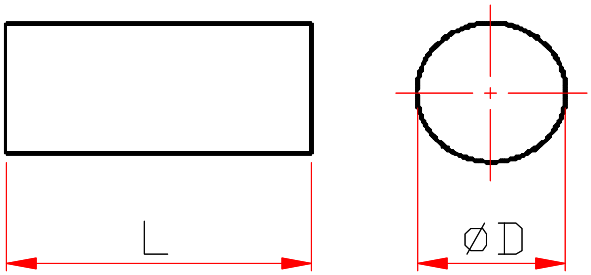
Dimensions in mm

DESCRIPTION ORDER	MATERIAL	A	Tol.	B	Tol.	C	Tol	WEIGHT ~ g
NB-33/13/5-IP6	IP6	33,0	± 0,40	13,0	+0 / -0,5	5,0	± 0,25	10,00
NB-55/52/4-IP6	IP6	55,5	-0,40	52,1	-0,4	4,0	± 0,2	54,80
NB-55/52/4-TH50	TH50	55,5	-0,40	52,1	-0,4	4,0	± 0,2	54,80
NB-55,5/52,5/4-TH50	TH50	55,5	+1,2 / -0,4	52,1	+1,2 / -0,4	4,0	± 0,2	54,80

THORNTON

Thornton
Eletrônica Ltda

NBC



Dimensions in mm

DESCRIPTION ORDER	MATERIAL	Ø D	Tol.	L	Tol.	WEIGHT ~ g
NBC-1,63/5-TH50	TH50	1,63	± 0,05	5	± 0,20	0,048
NBC-1,65/5-TH50	TH50	1,65	± 0,05	5	± 0,20	0,049
NBC-1,7/8,4-IP6	IP6	1,70	- 0,20	8,4	- 0,30	0,075
NBC-1,7/8,4-TH50	TH50	1,70	- 0,20	8,4	- 0,30	0,075
NBC-1,78/8,4-TH50	TH50	1,78	- 0,20	8,4	- 0,30	0,075
NBC-4,8/6,5-IP6	IP6	4,8	± 0,10	6,5	± 0,50	0,40
NBC-5/12-IP12R	IP12R	5	± 0,20	12	± 0,30	1,10
NBC-5/17-IP12R	IP12R	5	± 0,20	17	± 0,30	1,56
NBC-5/20-IP12R	IP12R	5	± 0,20	20	± 0,50	1,83
NBC-6/10-IP6	IP6	6	± 0,20	10	± 0,50	1,40
NBC-6/15-IP6	IP6	6	± 0,20	15	± 0,60	1,90
NBC-6/20-IP6	IP6	6	± 0,20	20	± 1,00	2,70
NBC-6/21-IP6	IP6	6	± 0,20	21	± 1,00	2,83
NBC-6/21-IP12R	IP12R	6	± 0,20	21	± 1,00	2,83
NBC-6/25-IP6	IP6	6	± 0,20	25	± 1,00	3,40
NBC-6/30-IP6	IP6	6	± 0,20	30	± 1,00	4,20
NBC-6/40-IP6	IP6	6	± 0,20	40	± 1,00	5,60
NBC-7,5/10-IP6	IP6	7,5	± 0,25	10	± 0,50	2,30
NBC-7,5/20-IP6	IP6	7,5	± 0,25	20	± 1,00	4,60
NBC-7,5/30-IP6	IP6	7,5	± 0,25	30	± 0,50	6,60
NBC-7,5/30-IP12R	IP12R	7,5	± 0,25	30	± 0,50	6,60
NBC-7,5/45-IP6	IP6	7,5	± 0,25	45	± 1,00	9,90
NBC-7,5/45-IP12R	IP12R	7,5	± 0,25	45	± 1,00	9,90
NBC-7,5/50-IP6	IP6	7,5	± 0,25	50	± 1,00	10,70
NBC-7,5/50-IP12R	IP12R	7,5	± 0,25	50	± 1,00	10,70
NBC-10/10-IP6	IP6	10	± 0,50	10	± 0,50	3,80
NBC-10/11-IP6	IP6	10	± 0,50	11	± 0,50	4,20
NBC-10/20-IP6	IP6	10	± 0,50	20	± 1,00	7,00
NBC-10/30-IP6	IP6	10	± 0,50	30	± 1,00	11,00
NBC-10/40-IP6	IP6	10	± 0,50	40	± 1,00	14,10
NBC-10/45-IP6	IP6	10	± 0,50	45	± 1,00	15,80
NBC-10/50-IP6	IP6	10	± 0,50	50	± 1,00	17,46
NBC-10/50-IP12R	IP12R	10	± 0,50	50	± 1,00	17,46
NBC-15/13,5-IP6	IP6	15	± 0,70	13,5	± 0,50	10,70
NBC-15/20-IP6	IP6	15	± 0,60	20	± 1,00	17,00
NBC-15/30-IP6	IP6	15	± 0,60	30	± 1,00	25,00
NBC-15/30-IP12R	IP12R	15	± 0,60	30	± 1,00	25,00
NBC-15/40-IP6	IP6	15	± 0,60	40	± 1,00	33,30
NBC-15/50-IP6	IP6	15	± 0,60	50	± 1,00	42,50

THORNTON

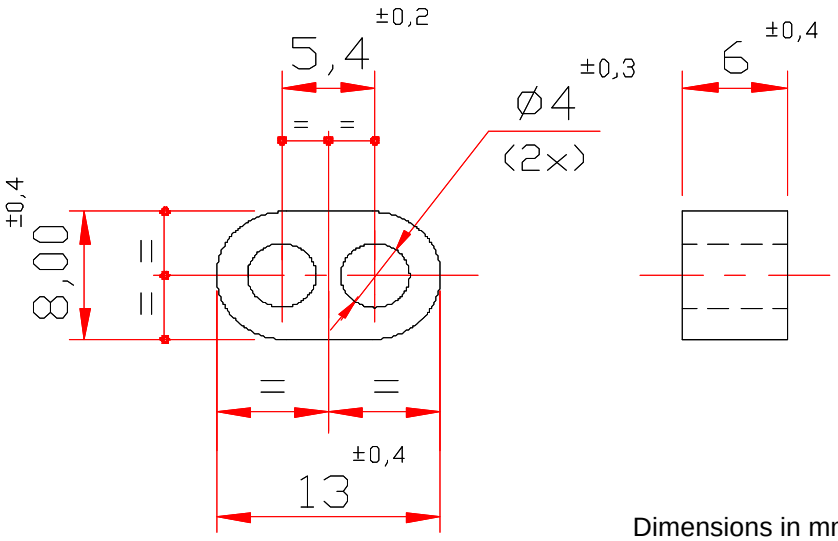
Thornton
Eletrônica Ltda

NBN-13/8/6/4

Effective Core Parameters:

S I/A	0,707	mm^{-1}
Le	15,7	mm
Ae	22,2	mm^2
Amin	---	mm^2
Ve	348	mm^3

Weight Approx. (piece) 1,85 g



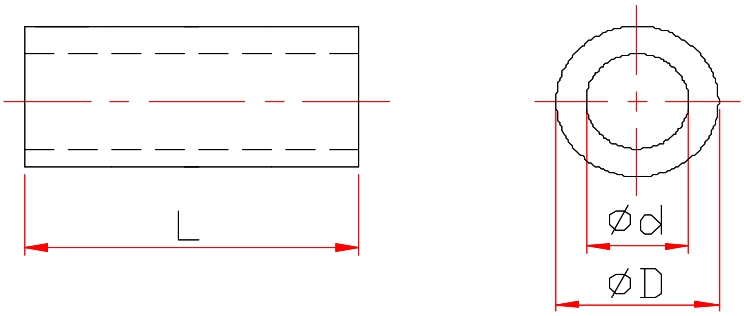
Dimensions in mm

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol. %	~g [mm]	~ µe
NBN-13/8/6/4-4000-TH50	TH50	4000	± 25	- - -	- - -

THORNTON
Thornton
Eletrônica Ltda

NBT



Dimensions in mm

DESCRIPTION ORDER	MATERIAL	Ø D	Tol.	Ø d	Tol.	L	Tol.	WEIGHT ~ g
NBT-2,65/1,3/2,6-IP6	IP6	2,65	± 0,02	1,3	± 0,07	2,6	+0/-0,2	0,04
NBT-2,65/1,3/3,9-IP6	IP6	2,65	± 0,02	1,3	± 0,07	3,9	+0/-0,2	0,07
NBT-3,5/1,2/3-IP6	IP6	3,50	± 0,2	1,2	+ 0,2	3,0	+ 0,5	0,11
NBT-3,8/1,3/3,8-IP6	IP6	3,80	+ 0,2	1,2	± 0,1	3,8	± 0,1	0,15
NBT-3,8/1,3/3,8-IP12R	IP12R	3,80	+ 0,2	1,2	± 0,1	3,8	± 0,1	0,15
NBT-4/1/3,5-IP6	IP6	4,00	± 0,2	1,2	± 0,2	3,5	± 0,2	0,17
NBT-4/1/8-IP6	IP6	4,00	± 0,2	1,2	± 0,2	8,0	± 0,3	0,40
NBT-4,5/2,6/6,7-IP6	IP6	4,40	+ 0,6	2,6	± 0,2	6,5	+ 0,5	0,40
NBT-4,74/2,1/5,8-IP6	IP6	4,74	± 0,03	2,1	± 0,1	5,8	± 0,3	0,42
NBT-4,74/2,1/5,8-TH50	TH50	4,74	± 0,03	2,1	± 0,1	5,8	± 0,3	0,42
NBT-4,8/2,5/3-IP6	IP6	4,80	± 0,2	2,5	± 0,2	3,0	± 0,5	0,20
NBT-4,9/2,1/5,8-IP12R	IP12R	4,90	± 0,2	2,1	± 0,2	5,8	± 0,3	0,43
NBT-4,9/2,1/5,8-IP6	IP6	4,90	± 0,2	2,1	± 0,2	5,8	± 0,3	0,43
NBT-4,95/1,3/26,2-IP6	IP6	4,95	+ 0,5	1,3	± 0,1	26,2	+0,6/-1,0	2,20
NBT-25/6/50-IP6	IP6	25,0	± 1,0	6,0	+ 0,5	50,0	± 1,0	107,0

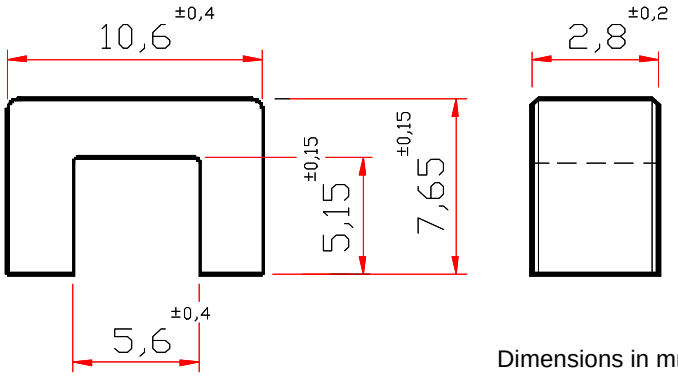
THORNTON
Thornton
Eletrônica Ltda

NC-11/7/3

Effective Core Parameters:

S I/A	5,664	mm-¹
Le	39,65	mm
Ae	7,00	mm ²
Amin	- - -	mm ²
Ve	277,57	mm ³

Weight Approx. (piece) 0,80 g



Dimensions in mm

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NC-11/7/3-300-IP12R	IP12R	300	+ 30 / - 20	- - -	1339
NC-11/7/3-300-IP6	IP6	300	+ 30 / - 20	- - -	1339
NC-11/7/3-550-TH50	TH50	550	+ 30 / - 20	- - -	2454

Others AL's by consulting

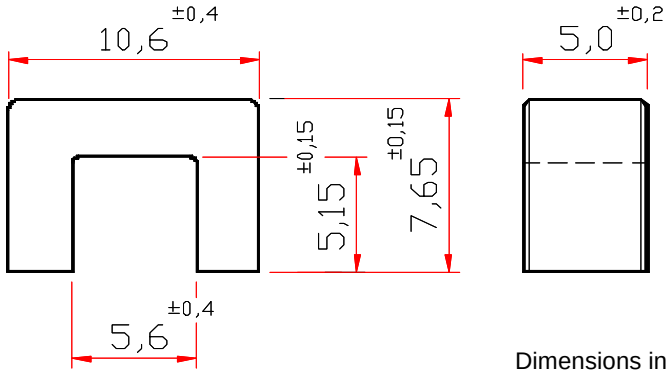
THORNTON
Thornton
Eletrônica Ltda

NC-11/7/5

Effective Core Parameters:

S I/A	3,172	mm^{-1}
Le	39,65	mm
Ae	12,50	mm^2
Amin	- - -	mm^2
Ve	495,67	mm^3

Weight Approx. (piece) 1,20 g



Dimensions in mm

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NC-11/7/5-530-IP6	IP6	530	+30 / -20	- - -	1324
NC-11/7/5-1000-TH50	TH50	1000	+30 / -20	- - -	2498

Others AL's by consulting

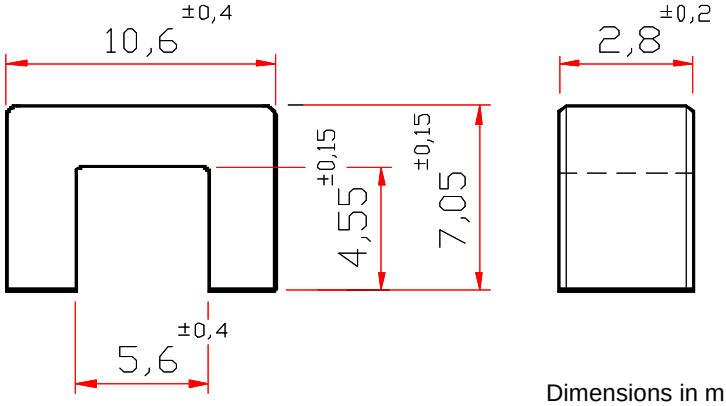
THORNTON
Thornton
Eletrônica Ltda

NC-11/7,2/3

Effective Core Parameters:

S I/A	5,322	mm-¹
Le	37,25	mm
Ae	7,00	mm ²
Amin	- - -	mm ²
Ve	260,77	mm ³

Weight Approx. (piece) 0,75 g



Dimensions in mm

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NC-11/7,2/3-350-IP6	IP6	350	+30 / -20	- - -	1306
NC-11/7,2/3-350-IP12R	IP12R	350	+30 / -20	- - -	1306
NC-11/7,2/3-560-TH50	TH50	560	+50 / -20	- - -	2089
NC-11/7,2/3-880-TH50	TH50	880	+30 / -20	- - -	3283

Others AL's by consulting

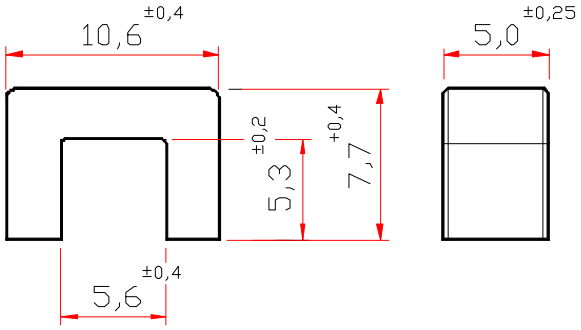
THORNTON
Thornton
Eletrônica Ltda

NC-11/7,7/5

Effective Core Parameters:

S I/A	3,236	mm-¹
Le	40,453	mm
Ae	12,5	mm ²
Amin	- - -	mm ²
Ve	505,67	mm ³

Weight Approx. (piece) 1,15 g



Dimensions in mm

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NC-11/7,7/5-1000-TH50	TH50	1000	+30 / -20	- - -	2315
NC-11/7,7/5-1600-TH60	TH60	1600	± 25	- - -	3527

Others AL's by consulting

THORNTON

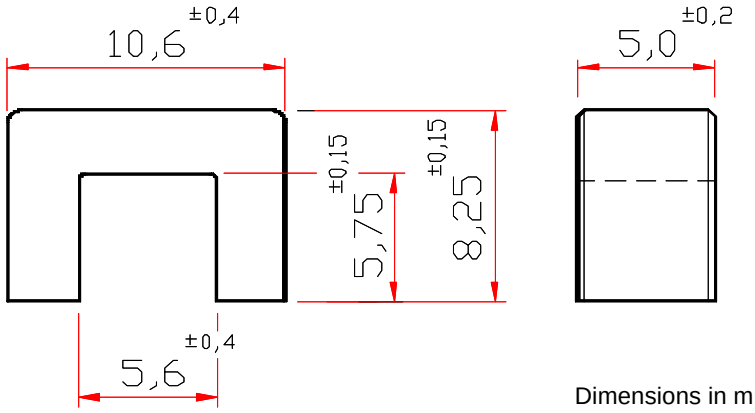
Thornton
Eletrônica Ltda

NC-11/8/5

Effective Core Parameters:

S I/A	3,364	mm^{-1}
Le	42,05	mm
Ae	12,50	mm^2
Amin	- - -	mm^2
Ve	525,67	mm^3

Weight Approx. (piece) 1,20 g



Dimensions in mm

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NC-11/8/5-1000-TH50	TH50	1000	+ 30 / - 20	- - -	2315

Others AL's by consulting

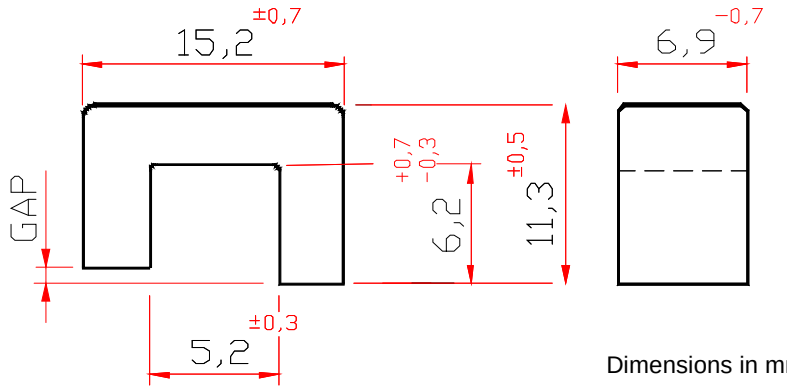
THORNTON
Thornton
Eletrônica Ltda

NC-15/11/6

Effective Core Parameters:

Σ I/A	1,5	mm^{-1}
Le	48,0	mm
Ae	32,0	mm ^{2}
Amin	- - -	mm ^{2}
Ve	1540,0	mm ^{3}

Weight Approx. (piece) 4,3 g



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol. %	~g [mm]	~ µe
NC-15/11/6-70-IP12R	IP12R	70	±10	0.85	83,56
NC-15/11/6-70-IP12E	IP12E	70	±10	0.85	83,56
NC-15/11/6-140-IP12R	IP12R	140	±20	0,30	167
NC-15/11/6-270-IP12R	IP12R	270	±20	0,15	322

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol. %	~g [mm]	~ µe
NC-15/11/6-1230-IP6	IP6	1230	+30 / -20	- - -	1468
NC-15/11/6-1230-IP12R	IP12R	1230	+30 / -20	- - -	1468
NC-15/11/6-1230-IP12E	IP12E	1230	+30 / -20	- - -	1468
NC-15/11/6-2100-TH50	TH50	2100	+30 / -20	- - -	2506

Others AL's by consulting

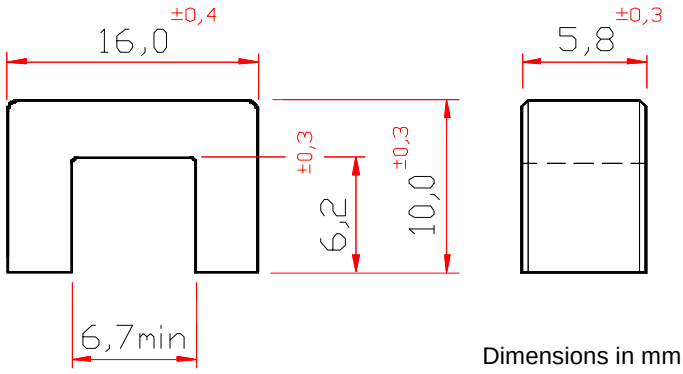
THORNTON
Thornton
Eletrônica Ltda

NC-16/10/6

Effective Core Parameters:

S I/A	2,103	mm^{-1}
Le	51,38	mm
Ae	24,43	mm^2
Amin	22,04	mm^2
Ve	1255,34	mm^3

Weight Approx. (piece) 3,3 g



Dimensions in mm

WITH GAP

Items with gap by consulting

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol. %	~g [mm]	~ µe
NC-16/10/6-1850-TH50	TH50	1850	± 25	- - -	3095

Others AL's by consulting

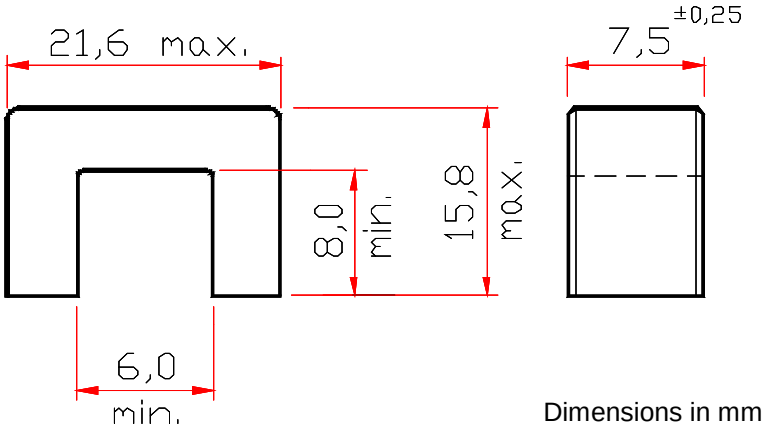
THORNTON
Thornton
Eletrônica Ltda

NC-20/16/7

Effective Core Parameters:

Σ l/A	1,24	mm^{-1}
Le	68,0	mm
Ae	55,0	mm ^{2}
Amin	- - -	mm ^{2}
Ve	3750,0	mm ^{3}

Weight Approx. (piece) 10,0 g



Dimensions in mm

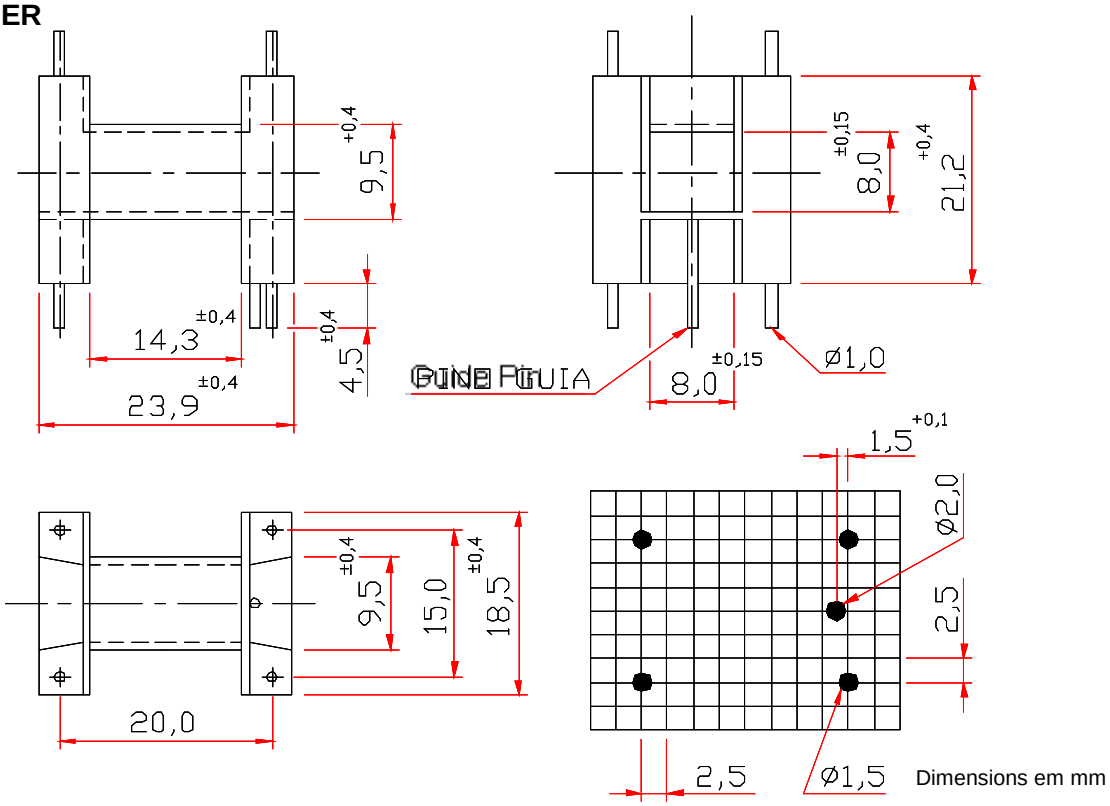
WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NC-20/16/7-1450-IP6	IP6	1450	+30 / -20	- - -	1430
NC-20/16/7-1800-IP12R	IP12R	1800	+30 / -20	- - -	1776

Others AL's by consulting

ACCESSORIES - NC-20/16/7

COIL FORMER



Maximum temperature for immersion soldering is 400º for 2 seconds

DESCRIPTION ORDER	NUMBER OF PINS	SECTIONS	WINDOW [mm²]	MEAN LENGTH [mm/turn]	WEIGHT ~ g [mm]	MATERIAL
CC-20/16/7-1/4-POM	4	1	- - -	- - -	4,30	Poliacetal

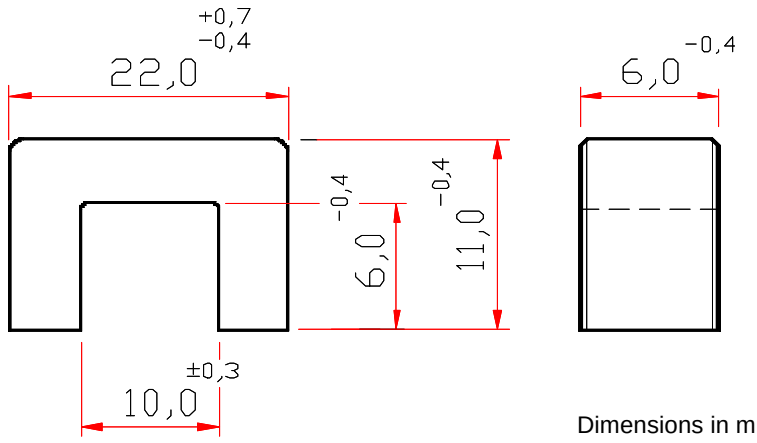
THORNTON
Thornton
Eletrônica Ltda

NC-22/11/6

Effective Core Parameters:

S I/A	1,704	mm-¹
Le	58,63	mm
Ae	34,41	mm ²
Amin	- - -	mm ²
Ve	2017,65	mm ³

Weight Approx. (piece) 5,6 g



Dimensions in mm

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NC-22/11/6-1100-IP12R	IP12R	1100	+30 / -20	- - -	1085
NC-22/11/6-1100-IP6	IP6	1100	+30 / -20	- - -	1085

Others AL's by consulting

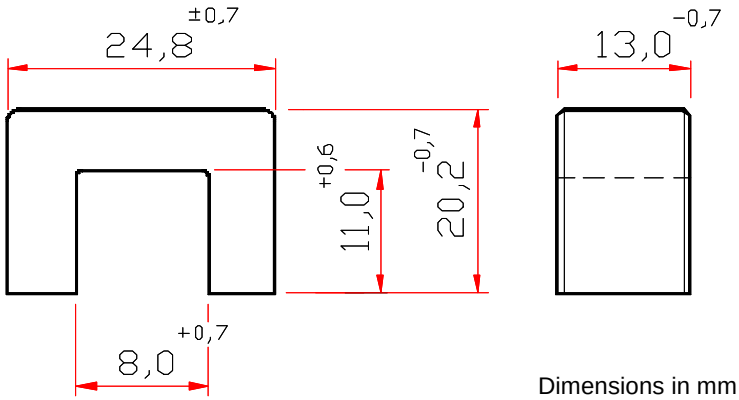
THORNTON
Thornton
Eletrônica Ltda

NC-25/20/13

Effective Core Parameters:

S I/A	0,86	mm^{-1}
Le	86,0	mm
Ae	100,0	mm^2
Amin	- - -	mm^2
Ve	8600,0	mm^3

Weight Approx. (piece) 23,0 g



Dimensions in mm

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NC-25/20/13-2400-IP6	IP6	2400	+30 / -20	- - -	1642
NC-25/20/13-2600-IP12R	IP12R	2600	+30 / -20	- - -	1778

Others AL's by consulting

THORNTON

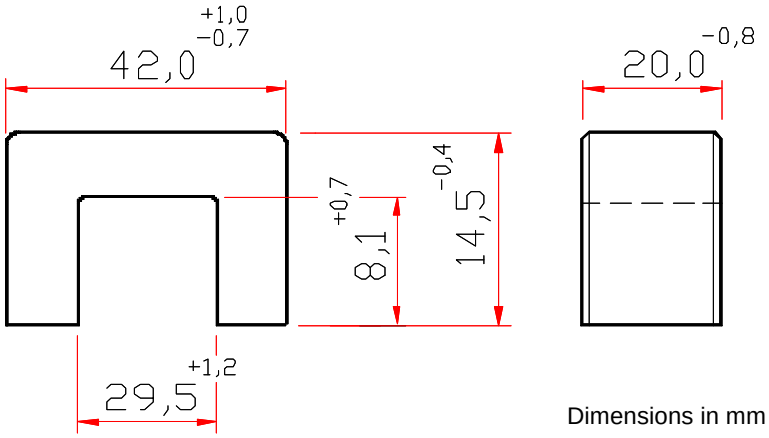
Thornton
Eletrônica Ltda

NC-42/14/20

Effective Core Parameters:

S I/A	0,96	mm-¹
Le	112,9	mm
Ae	117,1	mm ²
Amin	- - -	mm ²
Ve	13219,3	mm ³

Weight Approx. (piece) 31,0 g



Dimensions in mm

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NC-42/14/20-1700-IP6	IP6	1700	± 30	- - -	1298

Others AL's by consulting

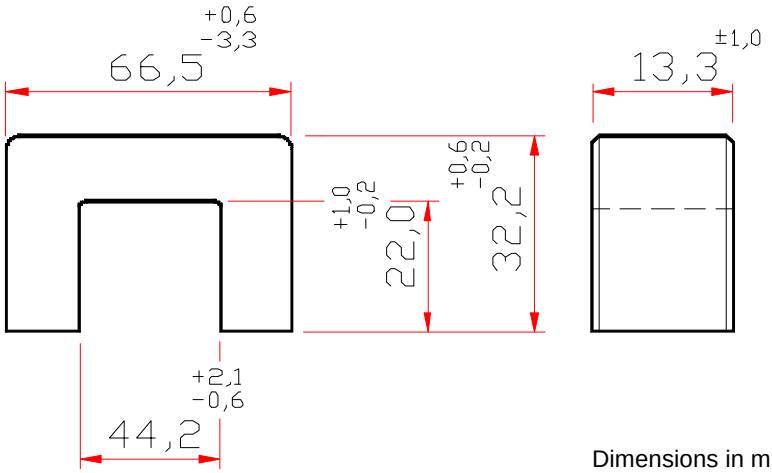
THORNTON
Thornton
Eletrônica Ltda

NC-65/33/13

Effective Core Parameters:

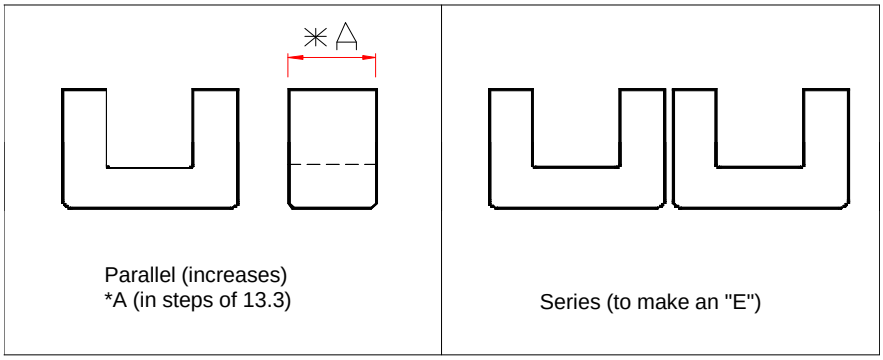
S I/A	1,57	mm-¹
Le	211,2	mm
Ae	134,3	mm ²
Amin	- - -	mm ²
Ve	28375,0	mm ³

Weight Approx. (piece) 70,0 g



Dimensions in mm

Mounting suggestions



Parallel (increases)
*A (in steps of 13.3)

Series (to make an "E")

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NC-65/33/13-1500-IP12R	IP12R	1500	± 25	- - -	1873
NC-65/33/13-1500-IP6	IP6	1500	± 25	- - -	1873

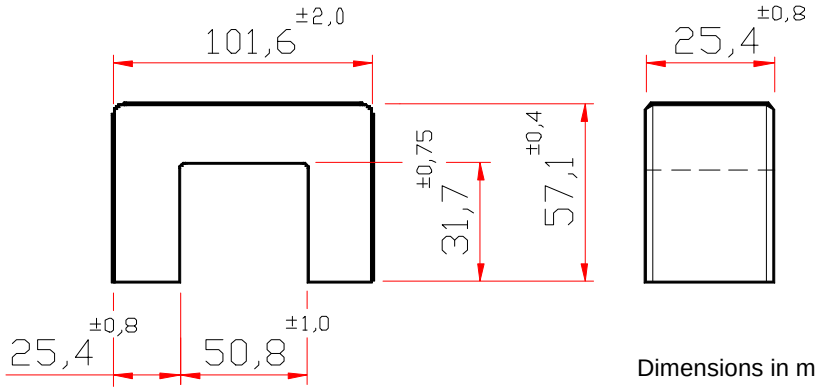
Others AL's by consulting

NC-100/57/25

Effective Core Parameters:

S I/A	0,477	mm-¹
Le	308,19	mm
Ae	645,15	mm ²
Amin	- - -	mm ²
Ve	198836,1	mm ³

Weight Approx. (piece) 495,0 g



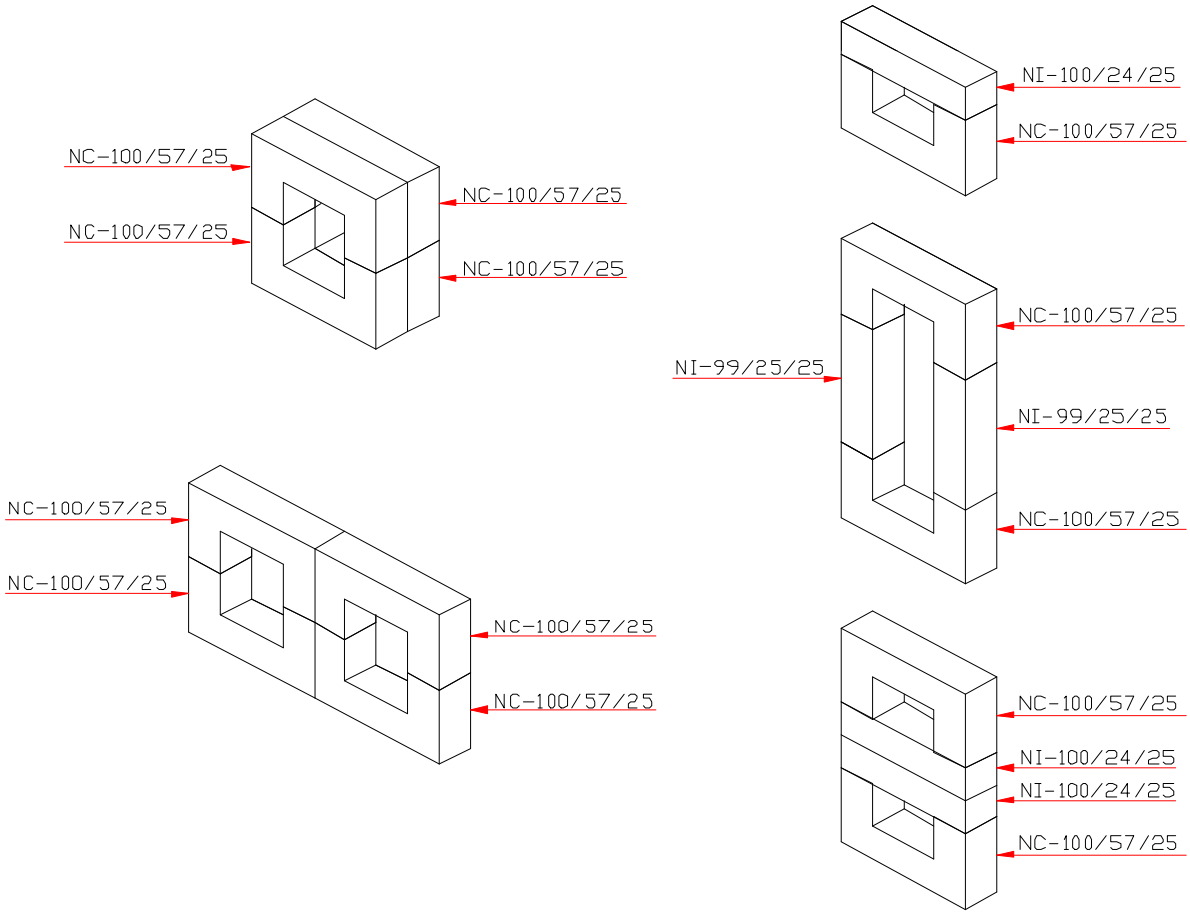
Dimensions in mm

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NC-100/57/25-4500-IP12E	IP12E	4500	± 25	- - -	1707,6
NC-100/57/25-4500-IP6	IP6	4500	± 25	- - -	1707,6

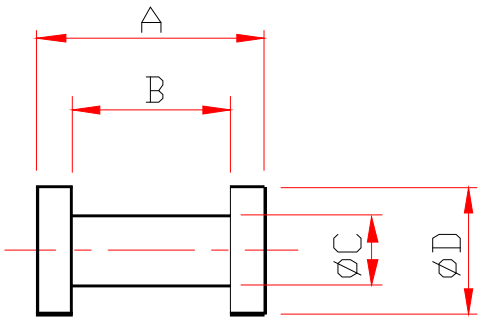
Others AL's by consulting

Options for mounting



THORNTON
Thornton
Eletrônica Ltda

CNF



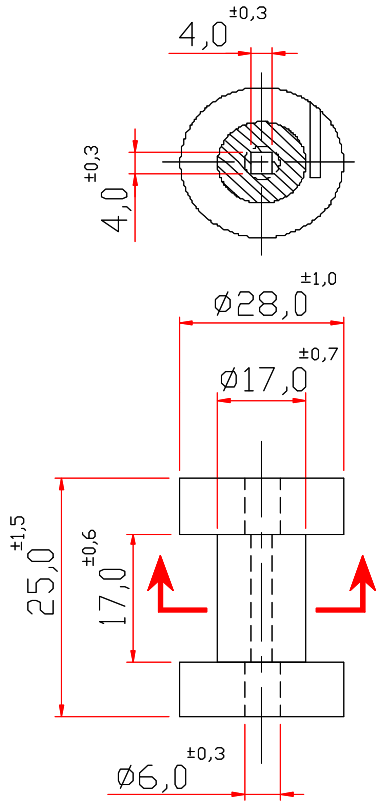
Dimensions in mm

DESCRIPTION ORDER	MAT.	Al [nH]	Tol.%	A	Tol.	B	Tol.	Ø C	Tol.	Ø D	Tol.	WEIGHT~g
CNF-7,5/10/2,7-36-IP6	IP6	36	ref.	10,0	± 0,5	5,6	± 0,2	2,7	± 0,1	7,5	± 0,5	1,20
CNF-7,5/10/2,7-36-IP12R	IP12R	36	ref.	10,0	± 0,5	5,6	± 0,2	2,7	± 0,1	7,5	± 0,5	1,20
CNF-7,5/10/3,5-40-IP6	IP6	40	ref.	10,0	± 0,5	5,6	± 0,2	3,5	± 0,2	7,5	± 0,5	1,26
CNF-10/11/3,5-50-IP6	IP6	50	ref.	11,0	± 0,5	5,6	± 0,2	3,5	± 0,2	10,0	± 0,5	2,46
CNF-10/11/3,5-50-IP12R	IP12R	50	ref.	11,0	± 0,5	5,6	± 0,2	3,5	± 0,2	10,0	± 0,5	2,46
CNF-10/11/4-59-IP6	IP6	59	ref.	11,0	± 0,5	5,6	± 0,2	4,0	± 0,2	10,0	± 0,5	2,37
CNF-10,5/12/5,1-50-ELM4	ELM4	50	± 20	12,0	± 0,8	6,9	± 0,8	5,1	± 0,8	10,5	± 0,8	2,40
CNF-10,5/16,5/5,5-47-ELM4	ELM4	47	± 20	16,5	± 0,8	11,5	± 0,8	5,5	± 0,8	10,5	± 0,8	2,95
CNF-15/13,5/6-63-IP6	IP6	63	ref.	13,5	± 0,5	8,5	± 0,3	6,0	± 0,4	15,0	± 0,7	5,30
CNF-15/13,5/6-63-IP12R	IP12R	63	ref.	13,5	± 0,5	8,5	± 0,3	6,0	± 0,4	15,0	± 0,7	5,30
CNF-15/13,5/8-63-IP6	IP6	63	ref.	13,5	± 0,5	8,5	± 0,3	8,0	± 0,4	15,0	± 0,7	6,20
CNF-15/13,5/8-63-IP12R	IP12R	63	ref.	13,5	± 0,5	8,5	± 0,3	8,0	± 0,4	15,0	± 0,7	6,20
CNF-15/13,5/9-63-IP12R	IP12R	63	ref.	13,5	+0,75 / -0,50	8,5	+0,30 / -0,55	9,0	+0,65 / -0,40	15,0	+0,95 / -0,70	7,00
CNF-17/18/10-80-IP6	IP6	80	ref.	18	± 0,5	11,5	± 0,8	10	± 0,5	17	± 0,7	11,05

Note 1: The cores listed above may be supplied with or without coating
Nota 2: In the case of a coated core, the maximum dimensions of the external surfaces are increased in 0.25mm and the minimum dimensions of the internal surfaces are reduced in 0.25mm

Others AL's by consulting

CNF-28/25



Dimensions in mm

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	WEIGHT ~ g
CNF-28/25-100-IP12R	IP12R	100	ref.	39,7
CNF-28/25-100-IP6	IP6	100	ref.	39,7

Note 1: The cores listed above may be supplied with or without coating
Nota 2: In the case of a coated core, the maximum dimensions of the external surfaces are increased in 0.25mm and the minimum dimensions of the internal surfaces are reduced in 0.25mm

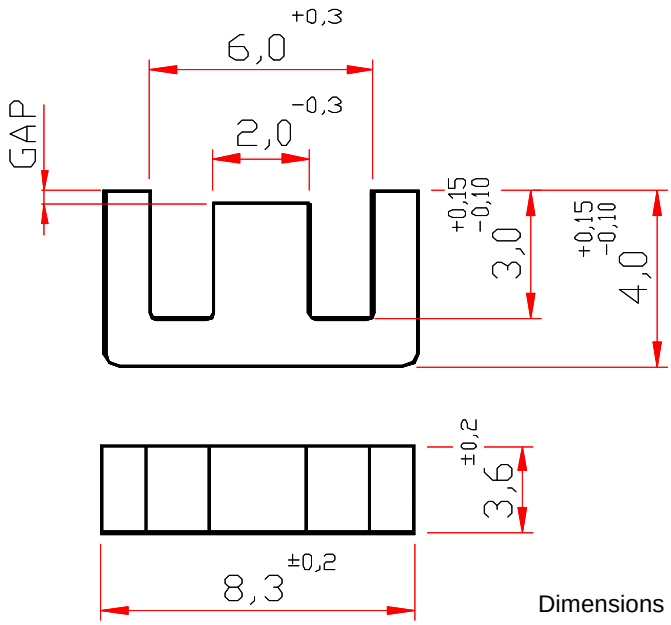
Others AL's by consulting

NEE-8/4/4

Effective Core Parameters:

S I/A	2,82	mm-¹
Le	19,7	mm
Ae	7,0	mm ²
Amin	- - -	mm ²
Ve	138,0	mm ³

Weight Approx. (piece) 0,36 g



Dimensions in mm

WITH GAP

Items with gap by consulting

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEE-8/4/4-450-IP6	IP6	450	+30 / -20	- - -	1010
NEE-8/4/4-450-IP12R	IP12R	450	+30 / -20	- - -	1010

Others AL's by consulting

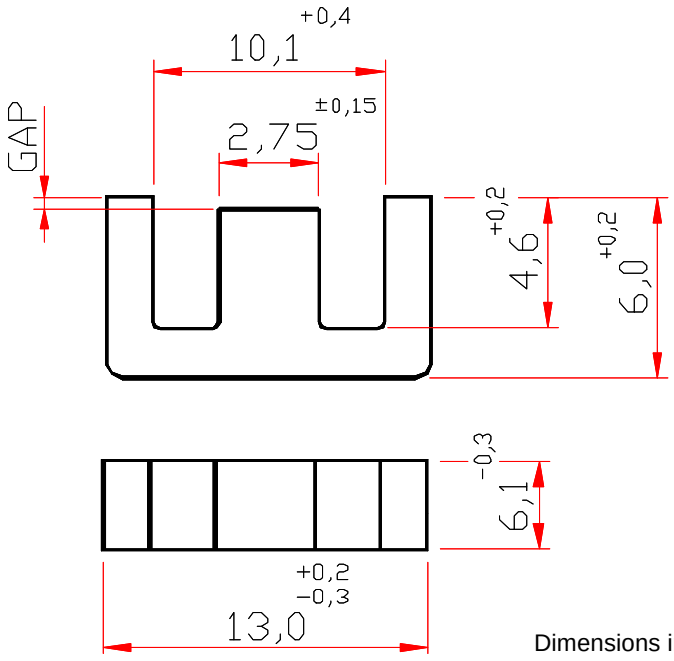
THORNTON
Thornton
Eletrônica Ltda

NEE-13/6/6

Effective Core Parameters:

S I/A	1,89	mm-¹
Le	30,7	mm
Ae	16,1	mm ²
Amin	- - -	mm ²
Ve	493,0	mm ³

Weight Approx. (piece) 1,3 g



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEE-13/6/6-55-IP12R	IP12R	55	±10	0,54	82
NEE-13/6/6-70-IP12R	IP12R	70	±10	0,50	104
NEE-13/6/6-82-IP12R	IP12R	82	±10	0,30	123

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEE-13/6/6-900-IP6	IP6	900	+30 / -20	- - -	1353
NEE-13/6/6-900-IP12E	IP12E	900	+30 / -20	- - -	1353
NEE-13/6/6-900-IP12R	IP12R	900	+30 / -20	- - -	1353
NEE-13/6/6-1400-TH50	TH50	1400	+30 / -20	- - -	2105
NEE-13/6/6-1800-TH50	TH50	1800	min.	- - -	2706
NEE-13/6/6-2100-TH50	TH50	2100	+30 / -20	- - -	3157

Others AL's by consulting

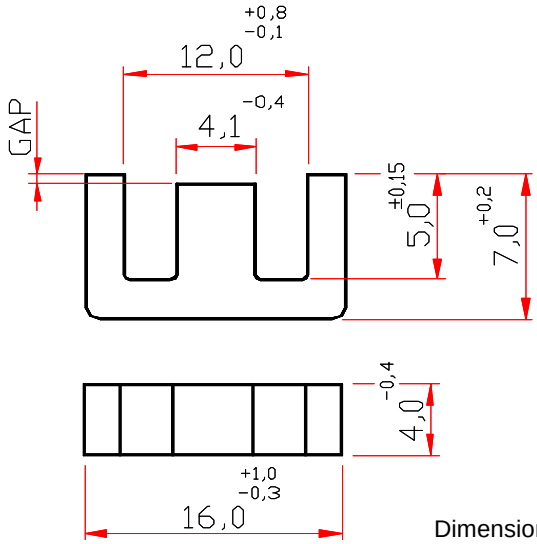
THORNTON
Thornton
Eletrônica Ltda

NEE-16/7,0/4

Effective Core Parameters:

S I/A	2,3	mm^{-1}
Le	34,4	mm
Ae	14,9	mm ^{2}
Amin	- - -	mm ^{2}
Ve	513,0	mm ^{3}

Weight Approx. (piece) 1,3 g



Dimensions in mm

WITH GAP

Items with gap by consulting

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEE-16/7,0/4-900-IP6	IP6	900	± 25	- - -	1647
NEE-16/7,0/4-900-IP12R	IP12R	900	± 25	- - -	1647
NEE-16/7,0/4-1700-TH50	TH50	1700	± 25	- - -	3110

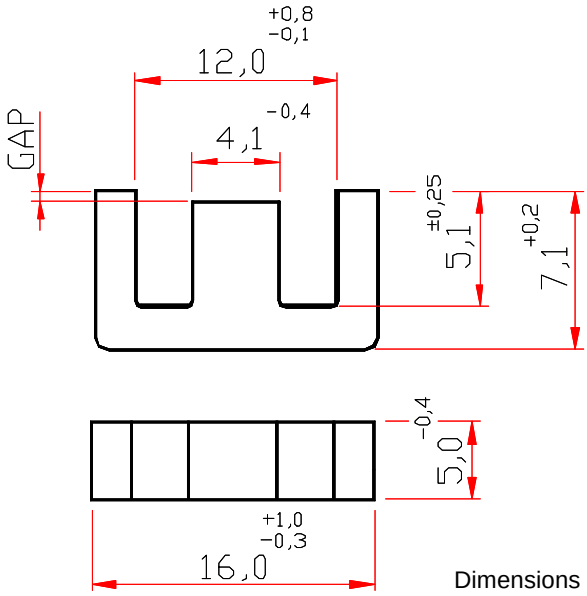
Others AL's by consulting

NEE-16/7,2/5

Effective Core Parameters:

S I/A	1,88	mm-¹
Le	35,3	mm
Ae	18,8	mm ²
Amin	- - -	mm ²
Ve	662,0	mm ³

Weight Approx. (piece) 1,70 g



Dimensions in mm

WITH GAP

Items with gap by consulting

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEE-16/7,2/5-1100-IP6	IP6	1100	± 25	- - -	1645
NEE-16/7,2/5-1100-IP12R	IP12R	1100	± 25	- - -	1645
NEE-16/7,2/5-2100-TH50	TH50	2100	± 25	- - -	3141

Others AL's by consulting

THORNTON

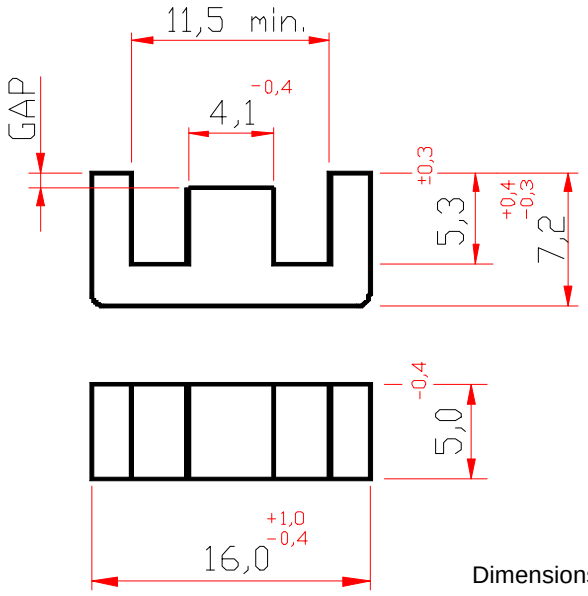
Thornton
Eletrônica Ltda

NEE-16/7,3/5

Effective Core Parameters:

S I/A	1,92	mm-¹
Le	35,7	mm
Ae	18,6	mm ²
Amin	- - -	mm ²
Ve	663	mm ³

Weight Approx. (piece) 1,70 g



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEE-16/7,3/5-25-IP12R	IP12R	25	± 8	0.90	38
NEE-16/7,3/5-60-IP12R	IP12R	60	± 8	0,56	91
NEE-16/7,3/5-65-IP12R	IP12R	65	± 10	0,50	9,3
NEE-16/7,3/5-65-IP12E	IP12E	65	± 10	0,50	9,3
NEE-16/7,3/5-70-IP12R	IP12R	70	± 10	0,45	106
NEE-16/7,3/5-75IP12R	IP12R	75	± 10	0,35	114
NEE-16/7,3/5-80-IP12R	IP12R	80	± 10	0,3	122
NEE-16/7,3/5-85-IP12R	IP12R	85	± 10	0,35	129
NEE-16/7,3/5-88-IP12E	IP12E	88	± 10	0,32	134
NEE-16/7,3/5-90-IP12E	IP12E	90	± 10	0,30	137
NEE-16/7,3/5-107-IP12E	IP12E	107	± 15	0,25	163
NEE-16/7,3/5-115-IP12R	IP12R	115	± 15	0,21	175
NEE-16/7,3/5-121-IP12E	IP12E	121	± 15	0,19	184
NEE-16/7,3/5-137-IP12R	IP12R	137	± 15	0,10	209

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEE-16/7,3/5-1100-IP6	IP6	1100	± 25	- - -	1680
NEE-16/7,3/5-1100-IP12E	IP12E	1100	± 25	- - -	1680
NEE-16/7,3/5-1100-IP12R	IP12R	1100	± 25	- - -	1680
NEE-16/7,3/5-2100-TH50	TH50	2100	± 25	- - -	3208

Others AL's by consulting

THORNTON

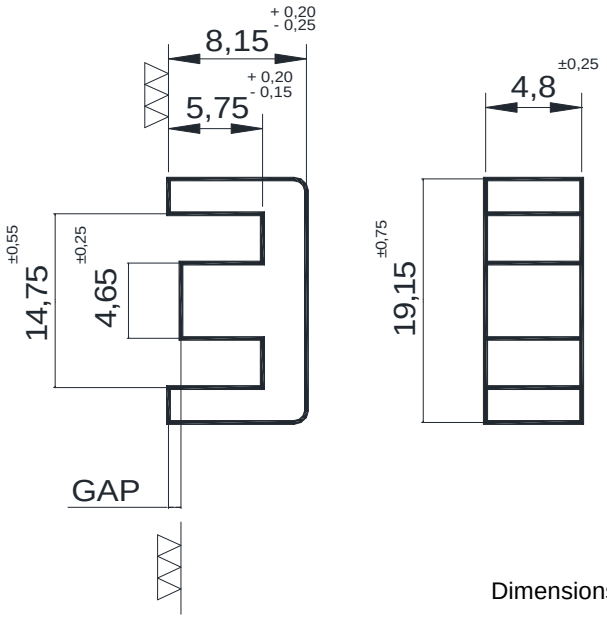
Thornton
Eletrônica Ltda

NEE-19/8/5

Effective Core Parameters:

S I/A	1,825	mm-¹
Le	40,38	mm
Ae	22,12	mm ²
Amin	21,12	mm ²
Ve	893,22	mm ³

Weight Approx. (piece) 2,15 g



Dimensions in mm

WITH GAP

ORDER CODE	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NE-19/8/5-GAP0,5-IP12R	IP12R	- - -	- - -	0,5±0,05	- - -
NEE-19/8/5-42-IP12R	IP12R	42	±10	1,20	57,5
NEE-19/8/5-69-IP12R	IP12R	69	±10	0,50	94,3
NEE-19/8/5-70-IP12R	IP12R	70	±10	0,57	95,8
NEE-19/8/5-90-IP12R	IP12R	90	±10	0,35	123,2
NEE-19/8/5-100-IP12R	IP12R	100	±10	0,30	137
NEE-19/8/5-110-IP12R	IP12R	110	±10	0,25	150,5
NEE-19/8/5-110-IP6	IP6	110	±10	0,25	150,5
NEE-19/8/5-120-IP12R	IP12R	120	±10	0,23	164
NEE-19/8/5-135-IP12R	IP12R	135	±15	0,21	184,7
NEE-19/8/5-140-IP12R	IP12R	140	±10	0,20	191,5
NEE-19/8/5-160-IP12R	IP12R	160	±10	0,20	218,9
NEE-19/8/5-210-IP12E	IP12E	210	±12	0,10	287,3

WITHOUT GAP

ORDER CODE	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEE-19/8/5-1100-IP6	IP6	1100	+30 / -20	- - -	1505
NEE-19/8/5-1100-IP12E	IP12E	1100	+30 / -20	- - -	1505
NEE-19/8/5-1100-IP12R	IP12R	1100	+30 / -20	- - -	1505
NEE-19/8/5-1700-TH50	TH50	1700	+30 / -20		2326

Others AL's by consulting

THORNTON

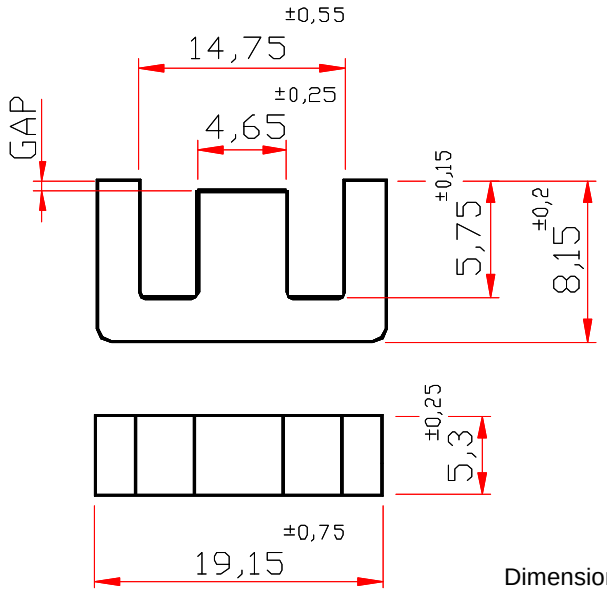
Thornton
Eletrônica Ltda

NEE-19/8/5,3

Effective Core Parameters:

S I/A	1,653	mm-¹
Le	40,38	mm
Ae	24,43	mm ²
Amin	23,32	mm ²
Ve	986,26	mm ³

Weight Approx. (piece) 2,28 g



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEE-19/8/5,3-185-IP12R	IP12R	185	+12/-10	0,15	242,1

Others AL's by consulting

THORNTON

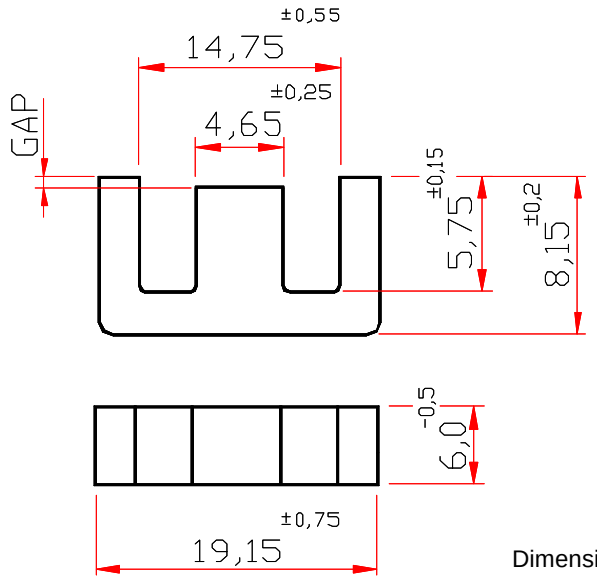
Thornton
Eletrônica Ltda

NEE-19/8/6

Effective Core Parameters:

S I/A	1,498	mm-¹
Le	40,38	mm
Ae	26,96	mm ²
Amin	25,74	mm ²
Ve	1088,61	mm ³

Weight Approx. (piece) 2,54 g



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEE-19/8/6-85-IP12R	IP12R	85	± 7	0,52	100
NEE-19/8/6-110-IP12R	IP12R	110	± 7	0,30	129,5
NEE-19/8/6-130-IP12R	IP12R	130	± 10	0,20	153

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEE-19/8/6-1300-IP12R	IP12R	1300	+30 / -20	- - -	1530

Others AL's by consulting

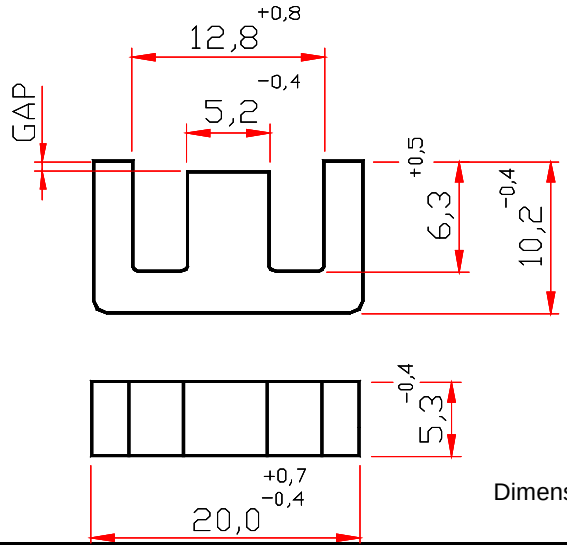
THORNTON
Thornton
Eletrônica Ltda

NEE-20/10/5

Effective Core Parameters:

Σ l/A	1,38	mm^{-1}
Le	43,0	mm
Ae	31,0	mm ^{2}
Amin	25,5	mm ^{2}
Ve	1340,0	mm ^{3}

Weight Approx. (piece) 3,5 g



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEE-20/10/5-40-IP6	IP6	40	± 8	*0,76	44
NEE-20/10/5-52-IP6	IP6	52	± 8	1,06	57
NEE-20/10/5-55-IP12R	IP12R	55	± 8	0,98	60
NEE-20/10/5-55-IP6	IP16	55	± 8	0,98	60
NEE-20/10/5-65-IP12R	IP12R	65	± 8	0,78	71
NEE-20/10/5-67-IP12R	IP12R	67	± 8	0,77	73
NEE-20/10/5-73-IP12R	IP12R	73	± 8	0,66	80
NEE-20/10/5-75-IP12R	IP12R	75	± 8	0,65	82,3
NEE-20/10/5-82-IP12R	IP12R	82	± 5	0,52	90
NEE-20/10/5-84-IP12R	IP12R	84	± 5	0,50	92
NEE-20/10/5-86-IP12R	IP12R	86	± 8	0,52	94
NEE-20/10/5-90-IP12R	IP12R	90	± 8	0,50	99
NEE-20/10/5-90-IP6	IP6	90	± 8	0,50	99
NEE-20/10/5-94-IP12R	IP12R	94	± 10	0,75	103
NEE-20/10/5-100-IP12R	IP12R	100	± 10	0,43	110
NEE-20/10/5-100-IP6	IP6	100	± 10	0,43	110
NEE-20/10/5-110-IP12E	IP12E	110	± 10	0.40	121
NEE-20/10/5-120-IP12R	IP12R	120	± 10	0,38	131,7
NEE-20/10/5-130-IP12R	IP12R	130	± 10	0,30	143
NEE-20/10/5-138-IP12R	IP12R	138	± 10	0,27	151
NEE-20/10/5-160-IP6	IP6	160	± 10	0,22	176
NEE-20/10/5-160-IP12R	IP12R	160	± 10	0,22	176
NEE-20/10/5-170-IP12R	IP12R	170	± 10	0,40	186
NEE-20/10/5-172-IP12R	IP12R	172	± 10	0,20	189
NEE-20/10/5-175-IP12R	IP12R	175	± 15	0,20	192
NEE-20/10/5-175-IP6	IP6	175	± 15	0,20	192
NEE-20/10/5-215-IP12R	IP12R	215	± 15	0,15	235
NEE-20/10/5-230-IP12R	IP12R	230	± 15	0,17	252
NEE-20/10/5-280-IP12R	IP12R	280	± 15	0,19	307
NEE-20/10/5-290-IP6	IP6	290	± 15	0,10	318

* Simetrical gap

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEE-20/10/5-1300-IP12E	IP12E	1300	+30 / -20	- - -	1208
NEE-20/10/5-1300-IP12R	IP12R	1300	+30 / -20	- - -	1208
NEE-20/10/5-1300-IP6	IP6	1300	+30 / -20	- - -	1208
NEE-20/10/5-2500-TH50	TH50	2500	± 25	- - -	2745

Others AL's by consulting

THORNTON

Thornton
Eletrônica Ltda

ACCESSORIES - NEE-20/10/5

COIL FORMER

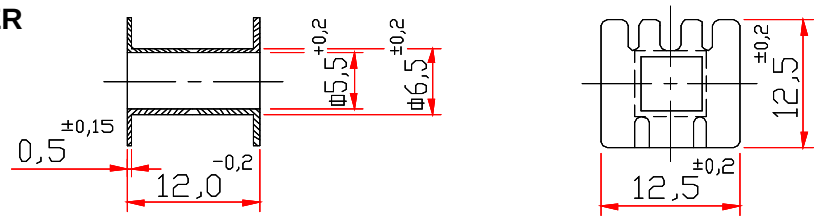


Fig. 1

Dimensions em mm

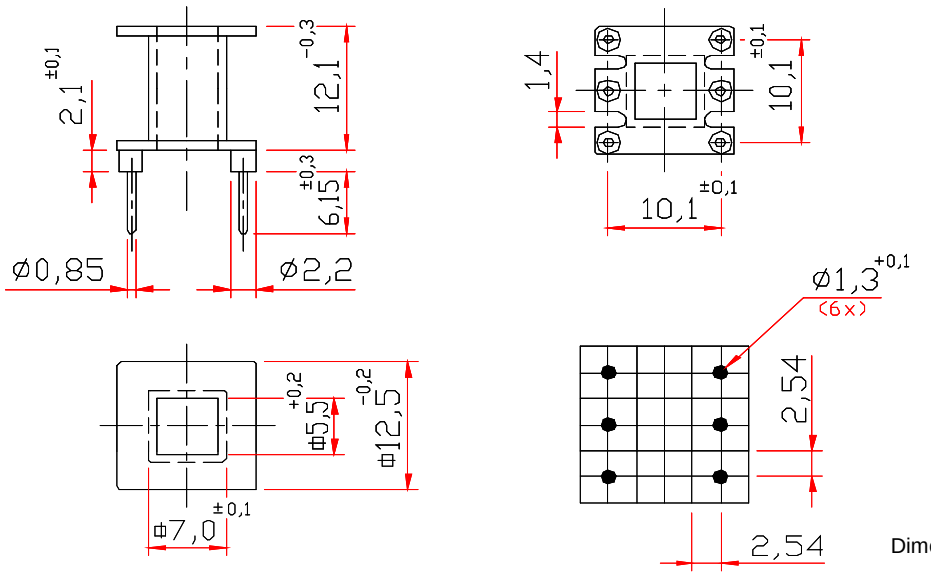


Fig. 2

Dimensions em mm

Maximum temperature for immersion soldering is 400º for 2 seconds

DESCRIPTION ORDER	FIG.	NUMBER OF SECTIONS	WINDOW [mm²]	MEAN LENGTH [mm/turn]	WEIGHT ~ g [mm]	MATERIAL
CE-20/10/5-1/0-POM	1	1	26,00	38,00	0,50	Poliacetal
CE-20/10/5-1/6-BAQ	2	1 / 6T	25,00	30,00	0,85	Baquelite

THORNTON

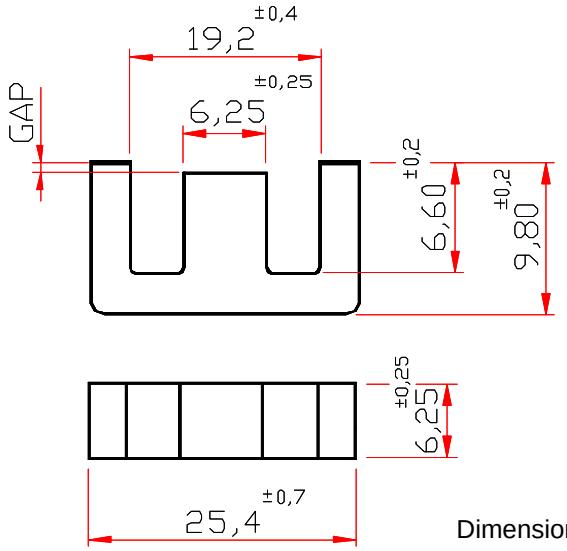
Thornton
Eletrônica Ltda

NEE-25/10/6

Effective Core Parameters:

S I/A	1,253	mm-¹
Le	49,26	mm
Ae	39,29	mm ²
Amin	- - -	mm ²
Ve	1935,4	mm ³

Weight Approx. (piece) 4,9 g



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEE-25/10/6-30-IP12R	IP12R	30	± 5	*1,50	29,8
NEE-25/10/6-40-IP12R	IP12R	40	± 5	*1,14	39,8
NEE-25/10/6-50-IP6	IP6	50	± 5	1,71	49,8
NEE-25/10/6-55-IP12E	IP12E	55	± 5	1,52	54,8
NEE-25/10/6-55-IP12R	IP12R	55	± 5	1,52	54,8
NEE-25/10/6-70-IP12R	IP12R	70	± 8	1,11	69,7
NEE-25/10/6-70-IP12E	IP12E	70	± 8	1,11	69,7
NEE-25/10/6-72-IP12R	IP12R	72	± 9	1,07	71,7
NEE-25/10/6-73-IP12R	IP12R	73	± 6	1,05	72,7
NEE-25/10/6-75-IP6	IP6	75	± 15	1,00	74,7
NEE-25/10/6-78-IP6	IP6	78	± 15	*0,49	77,7
NEE-25/10/6-78-IP12R	IP12R	78	± 15	*0,49	77,7
NEE-25/10/6-80-IP6	IP6	80	± 8	0,94	79,7
NEE-25/10/6-80-IP12E	IP12E	80	± 8	0,94	79,7
NEE-25/10/6-80-IP12R	IP12R	80	± 8	0,94	79,7
NEE-25/10/6-90-IP6	IP6	90	± 8	0,80	89,7
NEE-25/10/6-90-IP12R	IP12R	90	± 8	0,80	89,7
NEE-25/10/6-100-IP12R	IP12R	100	± 10	0,70	99,6
NEE-25/10/6-110-IP6	IP6	110	± 10	0,62	109,6
NEE-25/10/6-110-IP12R	IP12R	110	± 10	0,62	109,6
NEE-25/10/6-115-IP12R	IP12R	115	± 10	0,59	114,6
NEE-25/10/6-120-IP12R	IP12R	120	± 10	0,55	119,6
NEE-25/10/6-126-IP6	IP6	126	± 15	0,53	125,5
NEE-25/10/6-126-IP12R	IP12R	126	± 15	0,53	125,5
NEE-25/10/6-135-IP12R	IP12R	135	± 15	0.50	134,5
NEE-25/10/6-150-IP12R	IP12R	150	± 15	0,42	149,5
NEE-25/10/6-158-IP12R	IP12R	158	± 15	0,40	157,5
NEE-25/10/6-170-IP6	IP6	170	± 15	0,36	169,4
NEE-25/10/6-170-IP12R	IP12R	170	± 15	0,36	169,4
NEE-25/10/6-180-IP6	IP6	180	± 15	0,33	179,4
NEE-25/10/6-180-IP12R	IP12R	180	± 15	0,33	179,4
NEE-25/10/6-200-IP6	IP6	200	± 15	0,29	199,3
NEE-25/10/6-200-IP12R	IP12R	200	± 15	0,29	199,3
NEE-25/10/6-250-IP6	IP6	250	± 15	0,22	249,2
NEE-25/10/6-250-IP12R	IP12R	250	± 15	0,22	249,2
NEE-25/10/6-260-IP12R	IP12R	260	± 15	0,21	259,1
NEE-25/10/6-270-IP12R	IP12R	270	± 15	0,20	269,1
NEE-25/10/6-290-IP12R	IP12R	290	± 15	0,18	289
NEE-25/10/6-340-IP12R	IP12R	340	± 15	0,15	338

* Simetrical gap

THORNTON

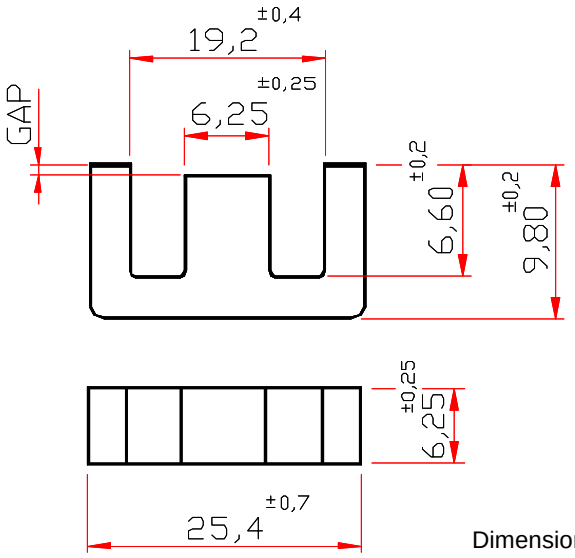
Thornton
Eletrônica Ltda

NEE-25/10/6

Effective Core Parameters:

S I/A	1,253	mm-¹
Le	49,26	mm
Ae	39,29	mm ²
Amin	- - -	mm ²
Ve	1935,4	mm ³

Weight Approx. (piece) 4,90 g



Dimensions in mm

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEE-25/10/6-1400-IP6	IP6	1400	+30 / -20	- - -	1395,5
NEE-25/10/6-1700-IP12R	IP12R	1700	± 25	- - -	1694,5
NEE-25/10/6-2800-TH50	TH50	2800	+30 / -20	- - -	2791

Others AL's by consulting

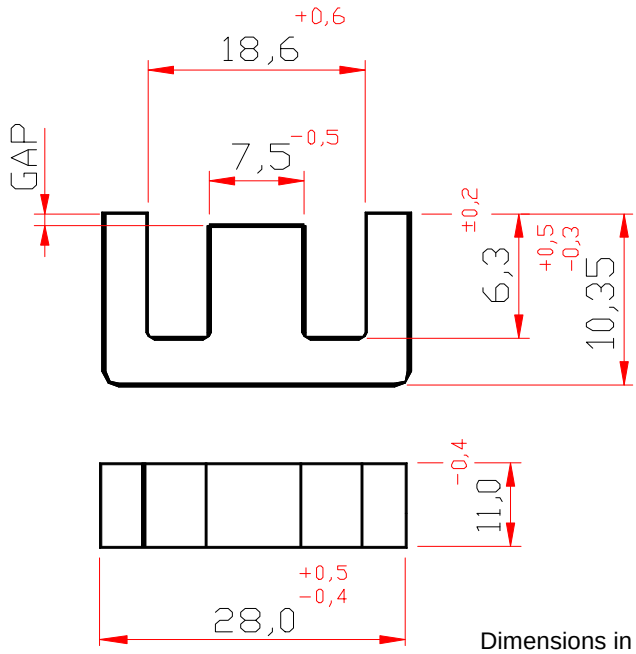
THORNTON
Thornton
Eletrônica Ltda

NEE-28/10/11

Effective Core Parameters:

S I/A	0,573	mm-¹
Le	49,29	mm
Ae	85,97	mm ²
Amin	- - -	mm ²
Ve	4238,23	mm ³

Weight Approx. (piece) 11,0 g



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEE-28/10/11-75-IP12R	IP12R	75	±5	*1,00	34,2
NEE-28/10/11-100-IP12R	IP12R	100	±10	1,45	45,6
NEE-28/10/11-100-IP12E	IP12E	100	±10	1,45	45,6
NEE-28/10/11-120-IP12R	IP12R	120	±10	1,25	54,7
NEE-28/10/11-145-IP12R	IP12R	145	±10	0,90	66,1
NEE-28/10/11-145-IP12E	IP12E	145	±10	0,90	66,1
NEE-28/10/11-150-IP12R	IP12R	150	±10	0,83	68,4
NEE-28/10/11-170-IP12R	IP12R	170	±10	0,75	77,5
NEE-28/10/11-180-IP12R	IP12R	180	±10	0,65	82,0
NEE-28/10/11-188-IP12R	IP12R	188	±10	0,60	85,7
NEE-28/10/11-200-IP12R	IP12R	200	±10	0,56	91,2
NEE-28/10/11-250-IP12R	IP12R	250	±5	0,44	113,8
NEE-28/10/11-270-IP6	IP6	270	±15	0,35	123,0
NEE-28/10/11-270-IP12R	IP12R	270	±15	0,35	123
NEE-28/10/11-330-IP12R	IP12R	330	±10	0,30	150,4
NEE-28/10/11-450-IP12R	IP12R	450	±15	0,25	205

* Simetrical gap

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEE-28/10/11-3300-IP12R	IP12R	3300	±25	- - -	1503,33
NEE-28/10/11-3300-IP12E	IP12E	3300	±25	- - -	1503,33
NEE-28/10/11-3300-IP6	IP6	3300	±25	- - -	1503,33

Others AL's by consulting

THORNTON

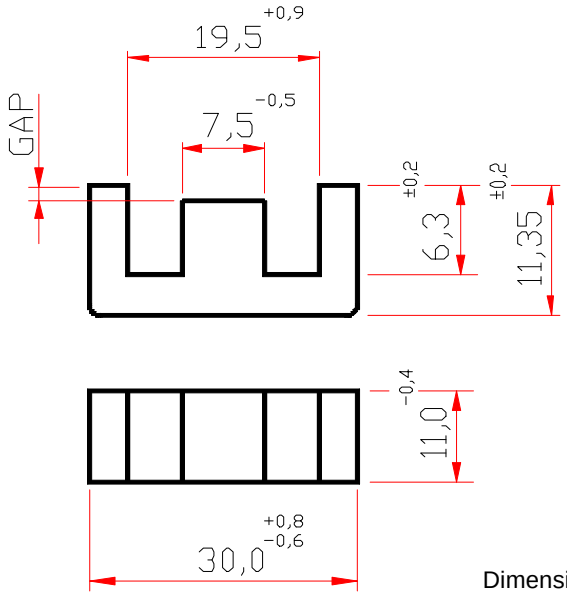
Thornton
Eletrônica Ltda

NEE-30/11/11

Effective Core Parameters:

S I/A	0,547	mm-¹
Le	51,382	mm
Ae	93,86	mm ²
Amin	75,06	mm ²
Ve	4822,65	mm ³

Weight Approx.(piece) 13,1 g



Dimensions in mm

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEE-30/11/11-120-IP12E	IP12E	120	±10	1,16	52
NEE-30/11/11-145-IP12E	IP12E	145	±10	0,89	63

Others AL's by consulting

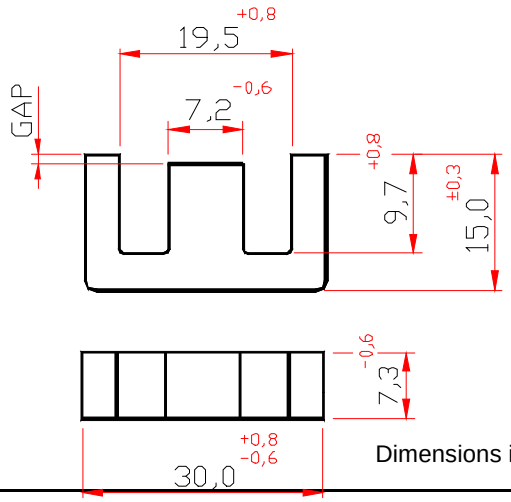
THORNTON
Thornton
Eletrônica Ltda

NEE-30/15/7

Effective Core Parameters:

Σ l/A	1,12	mm^{-1}
Le	67,0	mm
Ae	60,0	mm ^{2}
Amin	49,0	mm ^{2}
Ve	4000,0	mm ^{3}

Weight Approx. (piece) 10,10 g



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEE-30/15/7-40-IP12R	IP12R	40	±7	*2,50	35
NEE-30/15/7-50-IP12R	IP12R	50	±10	*2,40	44
NEE-30/15/7-60-IP6	IP6	60	±10	1,90	53
NEE-30/15/7-60-IP12R	IP12R	60	±10	1,90	53
NEE-30/15/7-70-IP12R	IP12R	70	±7	1,50	62,4
NEE-30/15/7-70-IP12E	IP12E	70	±7	1,50	62,4
NEE-30/15/7-86-IP12R	IP12R	86	±10	1,05	76,6
NEE-30/15/7-100-IP6	IP6	100	±10	1,00	89
NEE-30/15/7-100-IP12R	IP12R	100	±10	1,00	89
NEE-30/15/7-120-IP6	IP6	120	±10	0,80	107
NEE-30/15/7-120-IP12R	IP12R	120	±10	0,80	107
NEE-30/15/7-126-IP12R	IP12R	126	±10	0,73	112
NEE-30/15/7-160-IP12R	IP12R	160	±10	0,45	142
NEE-30/15/7-160-IP12R	IP12R	160	±10	0,45	142
NEE-30/15/7-168-IP12R	IP12R	168	±10	0,40	149,7
NEE-30/15/7-170-IP12R	IP12R	170	±10	0,39	151
NEE-30/15/7-200-IP6	IP6	200	±15	0,35	178
NEE-30/15/7-200-IP12R	IP12R	200	±15	0,35	178
NEE-30/15/7-210-IP6	IP6	210	±15	0,33	187
NEE-30/15/7-210-IP12R	IP12R	210	±15	0,33	187
NEE-30/15/7-230-IP12R	IP12R	230	±15	0,3	204
NEE-30/15/7-250-IP6	IP6	250	±15	0,25	223
NEE-30/15/7-250-IP12R	IP12R	250	±15	0,25	223
NEE-30/15/7-300-IP6	IP6	300	±15	0,23	267
NEE-30/15/7-310-IP6	IP6	310	±15	0,22	276
NEE-30/15/7-310-IP12R	IP12R	310	±15	0,22	276
NEE-30/15/7-330-IP12R	IP12R	330	±15	0,21	294
NEE-30/15/7-375-IP12R	IP12R	375	±20	0,20	334
NEE-30/15/7-400-IP6	IP6	400	±20	0,18	356
NEE-30/15/7-400-IP12R	IP12R	400	±20	0,18	356

* Simetrical gap

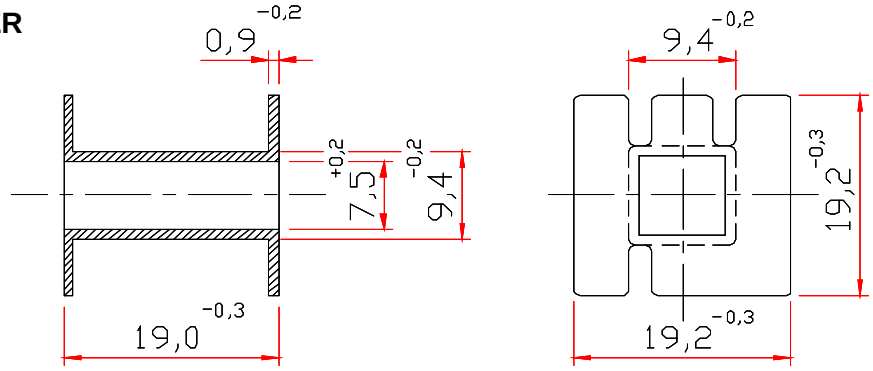
WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEE-30/15/7-1800-IP6	IP6	1800	+30 / -20	- - -	1604
NEE-30/15/7-1800-IP12R	IP12R	1800	+30 / -20	- - -	1604
NEE-30/15/7-1800-IP12E	IP12E	1800	+30 / -20	- - -	1604

Others AL's by consulting

ACCESSORIES - NEE-30/15/7

COIL FORMER



Dimensions em mm

DESCRIPTION ORDER	NUMBER OF SECTIONS	WINDOW [mm²]	MEAN LENGTH [mm/turn]	WEIGHT ~ g [mm]	MATERIAL
CE-30/15/7-1/0-POM	1	80,00	56,00	1,20	Poliacetal

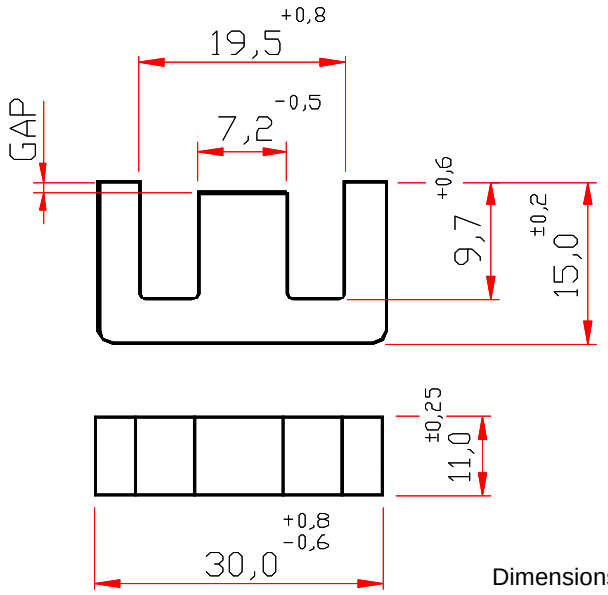
THORNTON
Thornton
Eletrônica Ltda

NEE-30/15/11

Effective Core Parameters:

S I/A	0,7	mm-¹
Le	85,5	mm
Ae	93,52	mm ²
Amin	- - -	mm ²
Ve	8125,0	mm ³

Weight Approx. (piece) 15,3 g



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEE-30/15/11-450-IP12R	IP12R	450	±10	0,25	250

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEE-30/15/11-2600-IP12R	IP12R	2600	10	- - -	1448

Others AL's by consulting

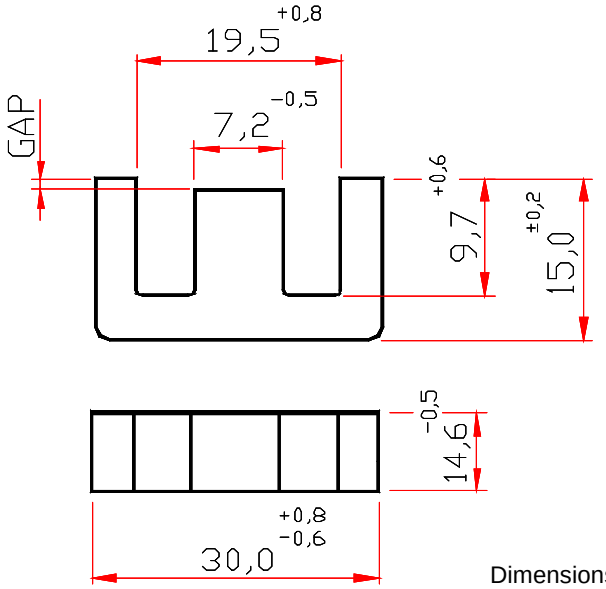
THORNTON
Thornton
Eletrônica Ltda

NEE-30/15/14

Effective Core Parameters:

Σ l/A	0,55	mm^{-1}
Le	67,0	mm
Ae	122,0	mm ^{2}
Amin	- - -	mm ^{2}
Ve	8174,0	mm ^{3}

Weight Approx. (piece) 21,0 g



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEE-30/15/14-62-IP12R	IP12R	62	±5	*1,80	27
NEE-30/15/14-70-IP6	IP6	70	±5	*1,52	31
NEE-30/15/14-70-IP12R	IP12R	70	±5	*1,52	31
NEE-30/15/14-70-IP12E	IP12E	70	±5	*1,52	31
NEE-30/15/14-90-IP12R	IP12R	90	±10	2,18	39
NEE-30/15/14-95-IP12E	IP12E	95	±10	2,18	41
NEE-30/15/14-100-IP6	IP6	100	±10	1,93	44
NEE-30/15/14-100-IP12E	IP12E	100	±10	1,93	44
NEE-30/15/14-100-IP12R	IP12R	100	±10	1,93	44
NEE-30/15/14-120-IP6	IP6	120	±10	1,53	53
NEE-30/15/14-120-IP12R	IP12R	120	±10	1,53	53
NEE-30/15/14-120-IP12E	IP12E	120	±10	1,53	53
NEE-30/15/14-150-IP6	IP6	150	±10	1,15	66
NEE-30/15/14-160-IP6	IP6	160	±10	1,06	70
NEE-30/15/14-160-IP12R	IP12R	160	±10	1,06	70
NEE-30/15/14-180-IP6	IP6	180	±10	0,91	79
NEE-30/15/14-200-IP12R	IP12R	200	±10	0,80	88
NEE-30/15/14-220-IP12R	IP12R	220	±10	0,70	96
NEE-30/15/14-225-IP6	IP6	225	±10	0,69	98
NEE-30/15/14-250-IP6	IP6	250	±10	0,60	109
NEE-30/15/14-250-IP12R	IP12R	250	±10	0,60	109
NEE-30/15/14-267-IP6	IP6	267	±10	0,55	117
NEE-30/15/14-300-IP6	IP6	300	±15	0,48	131
NEE-30/15/14-300-IP12R	IP12R	300	±15	0,48	131
NEE-30/15/14-325-IP12R	IP12R	325	±15	0,43	142
NEE-30/15/14-350-IP6	IP6	350	±15	0,39	153
NEE-30/15/14-350-IP12R	IP12R	350	±15	0,39	153
NEE-30/15/14-379-IP6	IP6	379	±15	0,35	166
NEE-30/15/14-400-IP6	IP6	400	±15	0,33	175
NEE-30/15/14-400-IP12R	IP12R	400	±15	0,33	175

* Simetrical gap

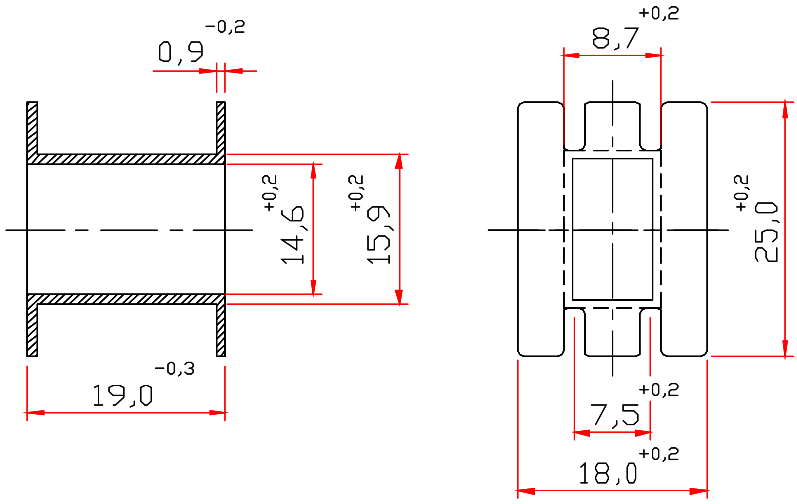
WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEE-30/15/14-3500-IP6	IP6	3500	+30 / -20	- - -	1531
NEE-30/15/14-4000-IP12R	IP12R	4000	± 25	- - -	1750

Others AL's by consulting

ACCESSORIES - NEE-30/15/14

COIL FORMER



Dimensions em mm

DESCRIPTION ORDER	NUMBER OF SECTIONS	WINDOW [mm²]	MEAN LENGTH [mm/turn]	WEIGHT ~ g [mm]	MATERIAL
CE-30/15/14-1/0-POM	1	85,00	67,00	1,60	Poliacetal

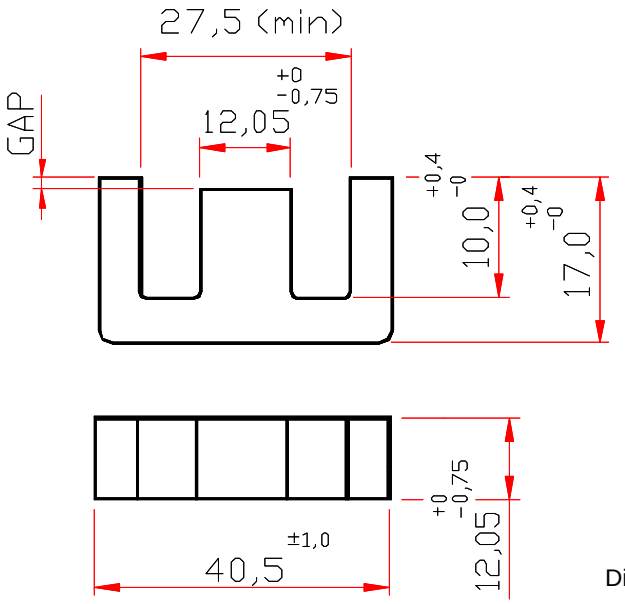
THORNTON
Thornton
Eletrônica Ltda

NEE-40/17/12

Effective Core Parameters:

S I/A	0,52	mm-¹
Le	77,0	mm
Ae	148,0	mm ²
Amin	- - -	mm ²
Ve	11300,0	mm ³

Weight Approx. (piece) 29,0 g



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEE-40/17/12-60-IP12R	IP12R	60	±8	2,50	24,7
NEE-40/17/12-100-IP12R	IP12R	100	±10	2,60	41,3
NEE-40/17/12-130-IP12R	IP12R	130	±10	0,20	53,7
NEE-40/17/12-150-IP6	IP6	150	±10	1,56	62
NEE-40/17/12-150-IP12R	IP12R	150	±10	1,56	62
NEE-40/17/12-150-IP12E	IP12E	150	±10	1,56	62
NEE-40/17/12-156-IP12R	IP12R	156	±10	1,53	64
NEE-40/17/12-200-IP12R	IP12R	200	±10	1,50	83
NEE-40/17/12-200-IP12E	IP12E	200	±10	1,50	83
NEE-40/17/12-210-IP12R	IP12R	210	±10	1,40	86,8
NEE-40/17/12-220-IP12R	IP12R	220	±10	1,30	91
NEE-40/17/12-230-IP12R	IP12R	230	±10	1,25	95
NEE-40/17/12-248-IP12R	IP12R	248	±8	1,20	102,6
NEE-40/17/12-256-IP12R	IP12R	256	±10	1,20	105,9
NEE-40/17/12-270-IP12R	IP12R	270	±10	0,95	111,7
NEE-40/17/12-300-IP12R	IP12R	300	±10	0,70	124
NEE-40/17/12-320-IP12R	IP12R	320	±10	0,65	132,5
NEE-40/17/12-356-IP12R	IP12R	356	±10	0,55	147,3
NEE-40/17/12-400-IP12R	IP12R	400	±10	0,48	165,4
NEE-40/17/12-430-IP12R	IP12R	430	±10	0,42	177,8
NEE-40/17/12-440-IP12E	IP12E	440	±10	0,35	182
NEE-40/17/12-440-IP12R	IP12R	440	±10	0,35	182
NEE-40/17/12-760-IP12R	IP12R	760	±15	0,20	314

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEE-40/17/12-3560-IP12R	IP12R	3560	+30/-20	- - -	1473
NEE-40/17/12-3560-IP6	IP6	3560	+30/-20	- - -	1473

Others AL's by consulting

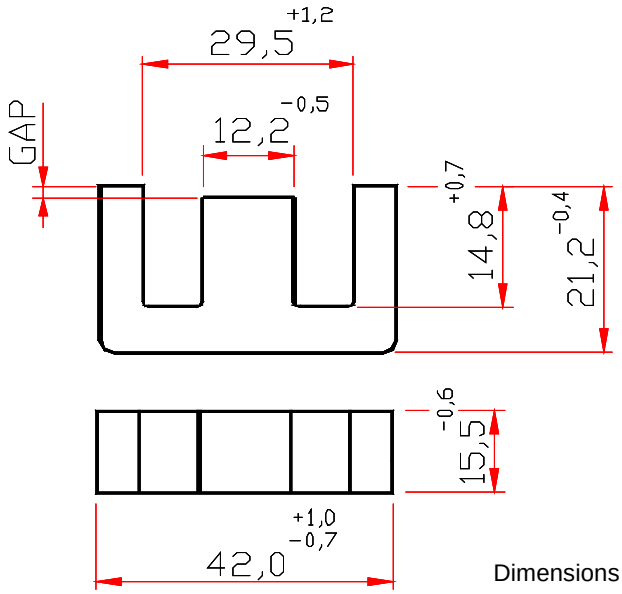
THORNTON
Thornton
Eletrônica Ltda

NEE-42/21/15

Effective Core Parameters:

Σ l/A	0,54	mm^{-1}
Le	97,0	mm
Ae	181,0	mm ^{2}
Amin	- - -	mm ^{2}
Ve	17600,0	mm ^{3}

Weight Approx. (piece) 44,0 g



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ μe
NEE-42/21/15-85-IP12R	IP12R	85	± 8	*2,40	37
NEE-42/21/15-90-IP6	IP6	90	± 8	*2,225	39
NEE-42/21/15-100-IP12R	IP12R	100	± 8	*1,94	43
NEE-42/21/15-100-IP6	IP6	100	± 8	*1,94	43
NEE-42/21/15-110-IP6	IP6	110	± 8	*1,75	47
NEE-42/21/15-110-IP12R	IP12R	110	± 8	*1,75	47
NEE-42/21/15-142-IP6	IP6	142	± 8	2,46	61
NEE-42/21/15-142+/-5%-IP6	IP6	142	± 5	2,46	61
NEE-42/21/15-150-IP6	IP6	150	± 8	2,30	64
NEE-42/21/15-160-IP12R	IP12R	160	± 8	2,11	69
NEE-42/21/15-170-IP6	IP6	170	± 8	1,95	73
NEE-42/21/15-180-IP12R	IP12R	180	± 8	1,81	77
NEE-42/21/15-180-IP6	IP6	180	± 8	1,81	77
NEE-42/21/15-190-IP12R	IP12R	190	± 10	1,7	81
NEE-42/21/15-208-IP6	IP6	208	± 10	*0,75	89
NEE-42/21/15-208-IP12R	IP12R	208	± 10	*0,75	89
NEE-42/21/15-210-IP6	IP6	210	± 10	1,48	90
NEE-42/21/15-220-IP12R	IP12R	220	± 10	1,32	95
NEE-42/21/15-250-IP6	IP6	250	± 10	1,18	107
NEE-42/21/15-256-IP12R	IP12R	256	± 10	1,15	110
NEE-42/21/15-256-IP6	IP6	256	± 10	1,15	110
NEE-42/21/15-300-IP12R	IP12R	300	± 10	0,94	128
NEE-42/21/15-340-IP12R	IP12R	340	± 20	0,80	146
NEE-42/21/15-340-IP6	IP6	340	± 20	0,80	146
NEE-42/21/15-350-IP6	IP6	350	± 10	0,76	150
NEE-42/21/15-400-IP12R	IP12R	400	± 10	0,64	172
NEE-42/21/15-400-IP6	IP6	400	± 10	0,64	172
NEE-42/21/15-400+/-5%-IP6	IP6	400	± 5	0,64	172
NEE-42/21/15-460-IP6	IP6	460	± 20	0,54	196
NEE-42/21/15-500-IP6	IP6	500	± 10	0,40	215
NEE-42/21/15-800-IP12R	IP12R	800	± 15	0,26	344
NEE-42/21/15-800-IP6	IP6	800	± 15	0,26	344

* Simetrical gap

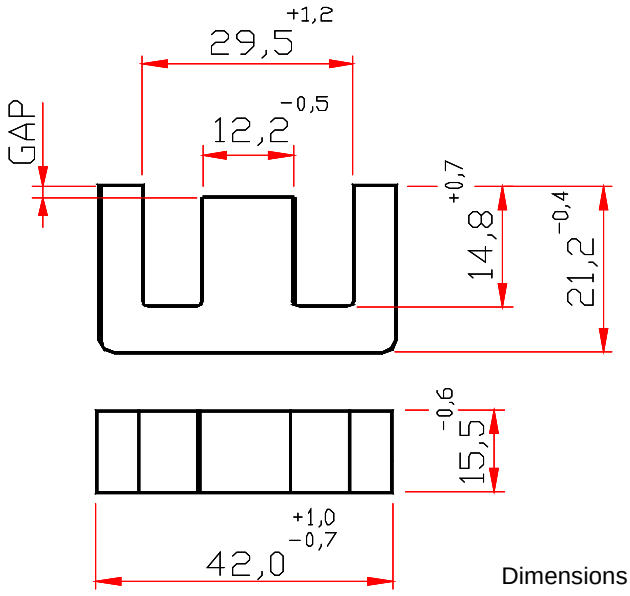
Others AL's by consulting

NEE-42/21/15

Effective Core Parameters:

Σ l/A	0,54	mm^{-1}
Le	97,0	mm
Ae	181,0	mm ^{2}
Amin	- - -	mm ^{2}
Ve	17600,0	mm ^{3}

Weight Approx. (piece) 44,0 g



Dimensions in mm

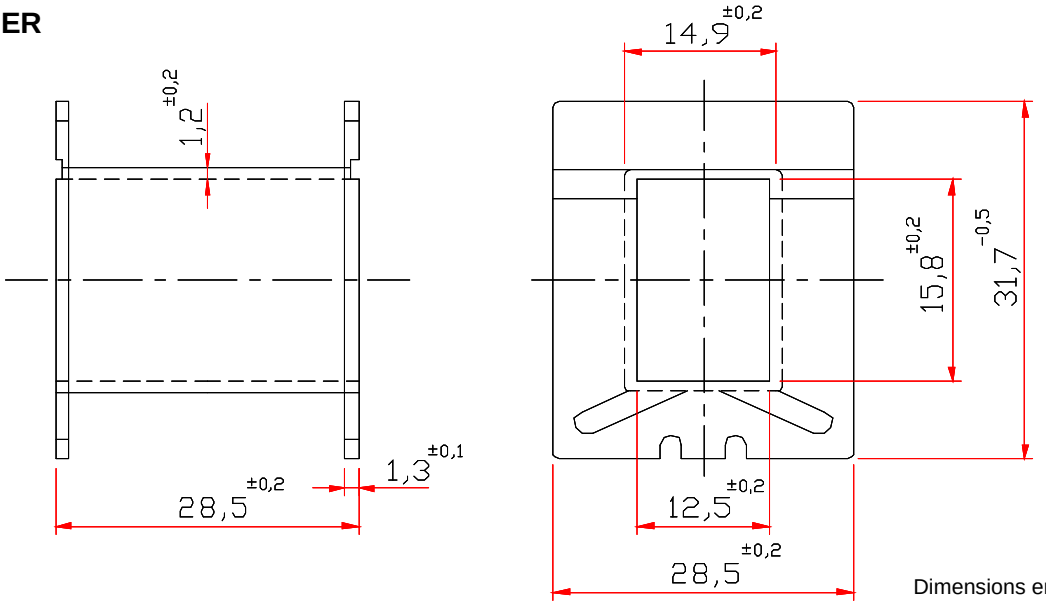
WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEE-42/21/15-4000-IP12R	IP12R	4000	± 25	- - -	1719
NEE-42/21/15-4000-IP6	IP6	4000	± 25	- - -	1719
NEE-42/21/15-4100-IP12E	IP12E	4100	± 25	- - -	1762

Others AL's by consulting

ACCESSORIES - NEE-42/21/15

COIL FORMER

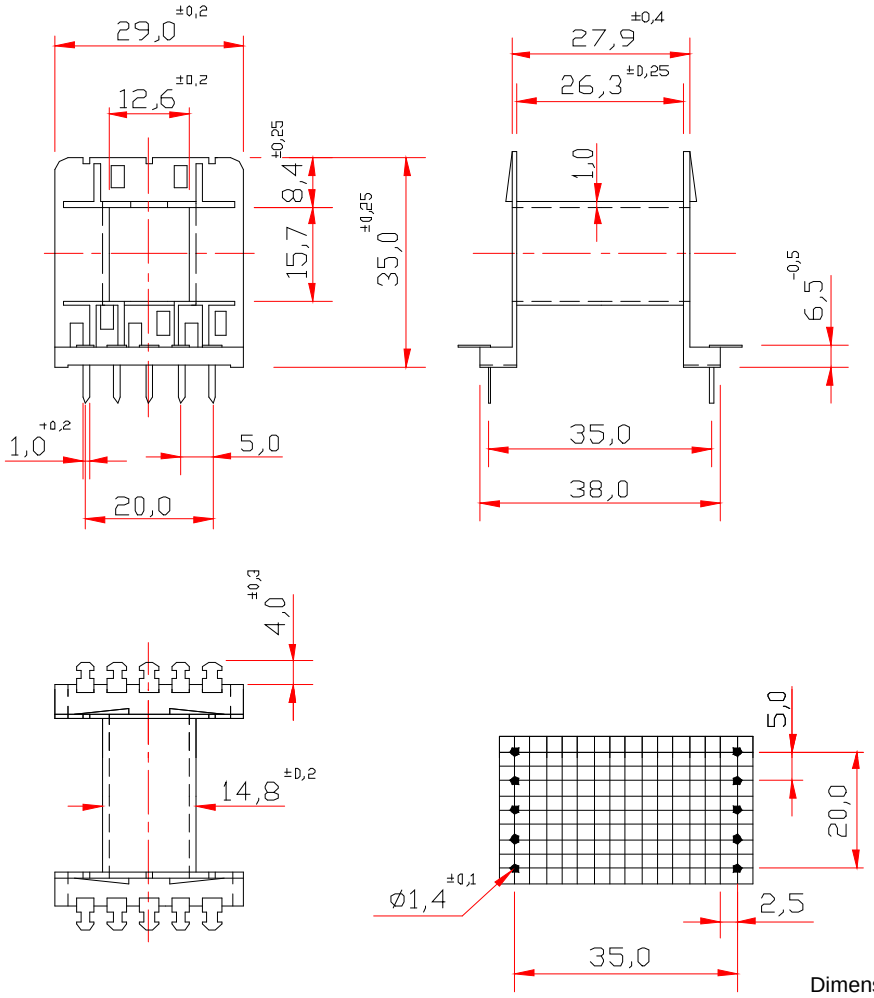


Dimensions em mm

DESCRIPTION ORDER	NUMBER OF SECTIONS	WINDOW [mm²]	MEAN LENGTH [mm/turn]	WEIGHT ~ g [mm]	MATERIAL
CE-42/21/15-1/0-POM	1	157,00	87,00	4,50	Polyacetal

ACCESSORIES - NEE-42/21/15

COIL FORMER 2



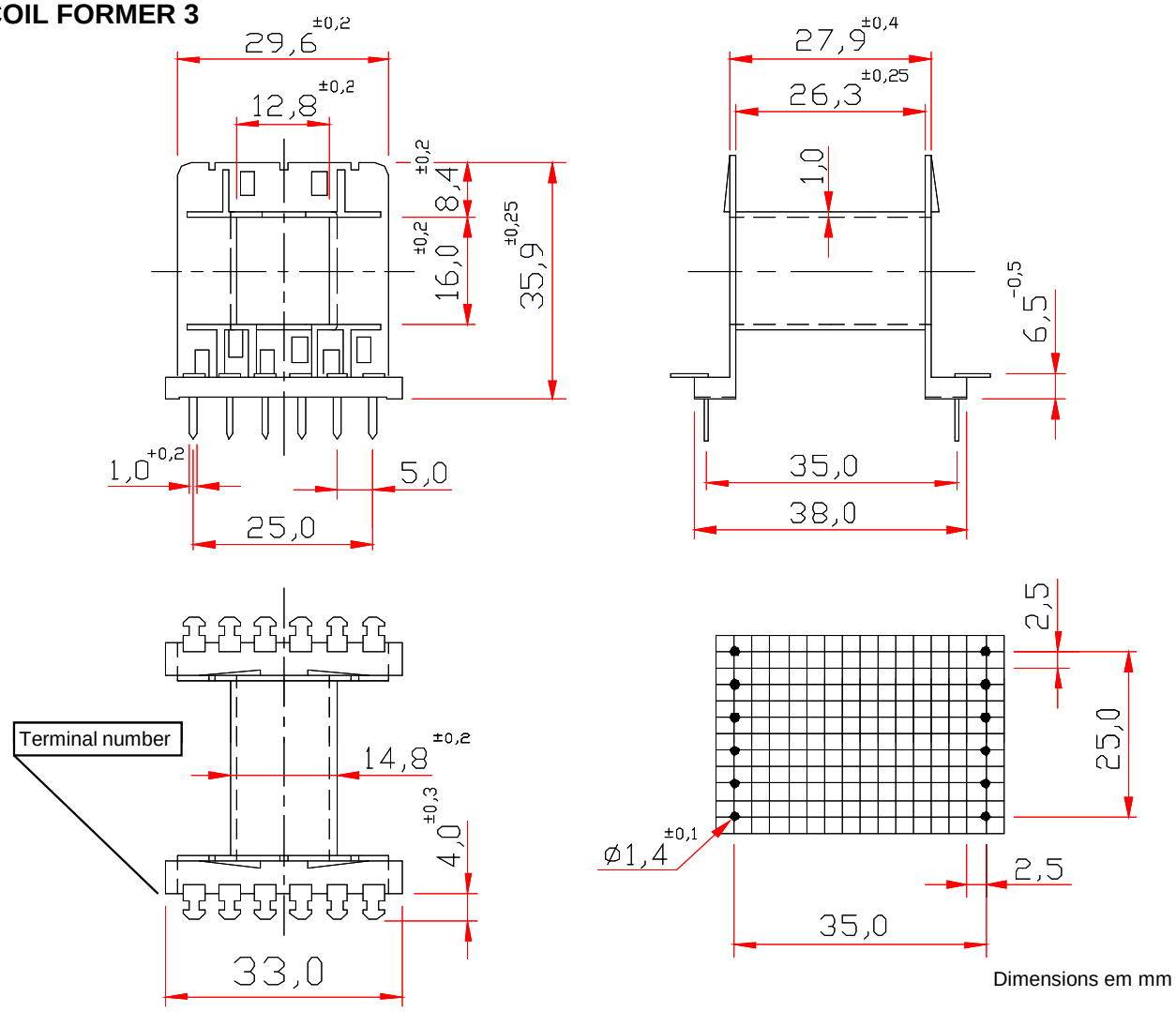
Dimensions em mm

Note: Maximum temperature for immersion soldering is 400°C for 2 seconds

DESCRIPTION ORDER	NUMBER OF SECTIONS	WINDOW [mm²]	MEAN LENGTH [mm/turn]	WEIGHT ~ g [mm]	MATERIAL
CE-42/21/15-1/10-PAFV	1	157,00	87,00	6,07	Polyamid FV

ACCESSORIES - NEE-42/21/15

COIL FORMER 3



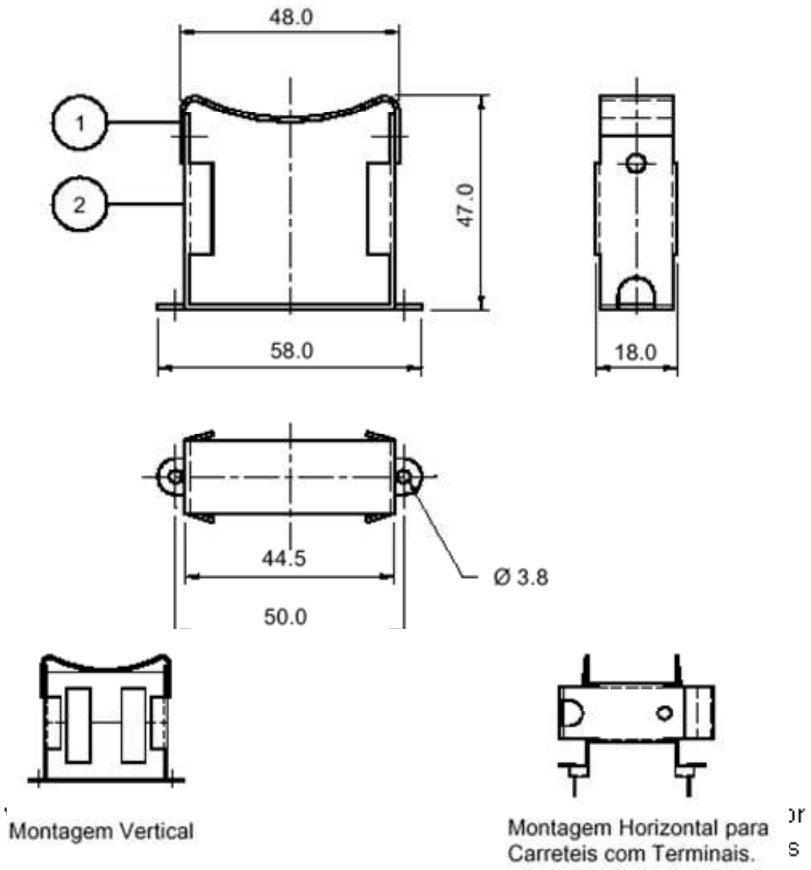
Dimensions em mm

Note: Maximum temperature for immersion soldering is 400°C for 2 seconds

DESCRIPTION ORDER	NUMBER OF SECTIONS	WINDOW [mm²]	MEAN LENGTH [mm/turn]	WEIGHT ~ g [mm]	MATERIAL
CE-42/21/15-1/12-PAFV	1	157,00	87,00	6,20	Polyamid FV

ACCESSORIES - NEE-42/21/15

CLAMP



Dimensions em mm

DESCRIPTION ORDER	FIG.	WEIGHT ~ g [mm]	MATERIAL
M-NE-42/21/15-A	1	4,50	Spring - NP Spring Steel
A-NE-42/21/15-L	2	14,50	Clamp - NP Brass
AP-NE-42/21/15-L/A	conj.	19,00	- - -

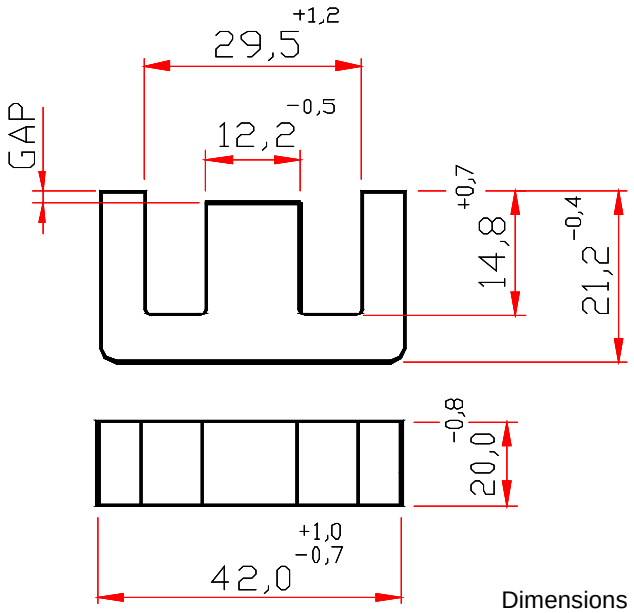
THORNTON
Thornton
Eletrônica Ltda

NEE-42/21/20

Effective Core Parameters:

Σ l/A	0,41	mm^{-1}
Le	97,0	mm
Ae	240,0	mm ^{2}
Amin	- - -	mm ^{2}
Ve	23300,0	mm ^{3}

Weight Approx. (piece) 56,0 g



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEE-42/21/20-100-IP6	IP6	100	±10	*2,32	33
NEE-42/21/20-100-IP12R	IP12R	100	±10	*2,32	33
NEE-42/21/20-126-IP12R	IP12R	126	±10	*2,00	41
NEE-42/21/20-136-IP12R	IP12R	136	±10	*1,55	44
NEE-42/21/20-150-IP12R	IP12R	150	±10	*1,50	48,9
NEE-42/21/20-190-IP12R	IP12R	190	±10	2,10	62
NEE-42/21/20-200-IP12R	IP12R	200	±10	2,00	65
NEE-42/21/20-200-IP6	IP6	200	±10	2,00	65
NEE-42/21/20-207-IP12R	IP12R	207	±10	1,90	67,5
NEE-42/21/20-240-IP12E	IP12E	240	±10	1,60	78,28
NEE-42/21/20-240-IP12R	IP12R	240	±10	1,60	78,28
NEE-42/21/20-240-IP6	IP6	240	±10	1,60	78,28
NEE-42/21/20-250-IP6	IP6	250	±10	1,30	82
NEE-42/21/20-250-IP12R	IP12R	250	±10	1,30	82
NEE-42/21/20-340-IP12R	IP12R	340	±10	1,07	111
NEE-42/21/20-340-IP6	IP6	340	±10	1,07	111
NEE-42/21/20-400-IP12R	IP12R	400	±10	0,90	130
NEE-42/21/20-400-IP6	IP6	400	±10	0,90	130
NEE-42/21/20-560-IP6	IP6	560	±10	0,50	183
NEE-42/21/20-925-IP6	IP6	925	±15	0,25	302

* Simetrical gap

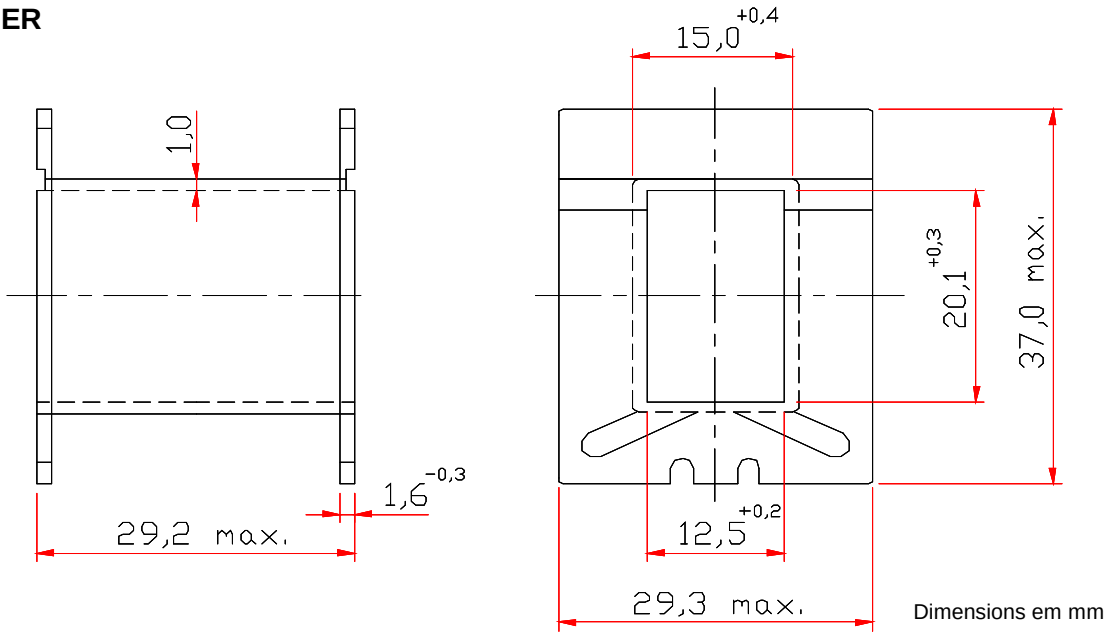
WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEE-42/21/20-4750-IP6	IP6	4750	+30 / -20	- - -	1550
NEE-42/21/20-5500-IP12E	IP12E	5500	±25	- - -	1794
NEE-42/21/20-5500-IP12R	IP12R	5500	±25	- - -	1794

Others AL's by consulting

ACCESSORIES - NEE-42/21/20

COIL FORMER



Dimensions em mm

DESCRIPTION ORDER	NUMBER OF SECTIONS	WINDOW [mm²]	MEAN LENGTH [mm/turn]	WEIGHT ~ g [mm]	MATERIAL
CE-42/20-1/0-POM	1	157,00	105,00	6,00	Polyacetal

THORNTON
Thornton
Eletrônica Ltda

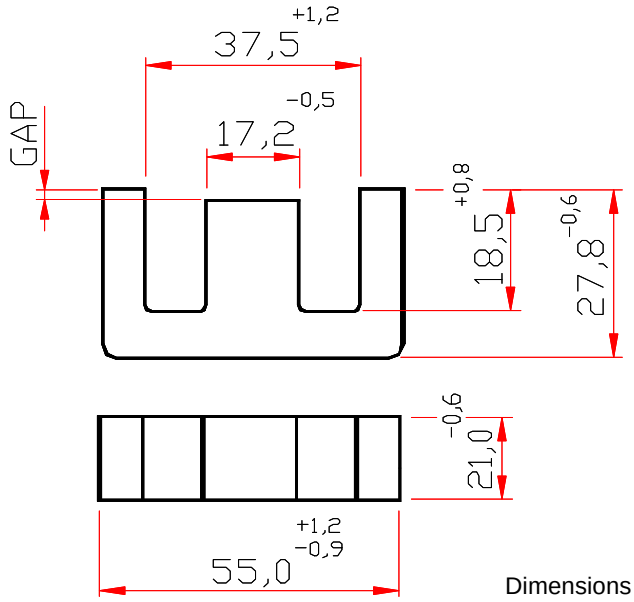
NEE-55/28/21

Effective Core Parameters:

S I/A	0,34	mm^{-1}
Le	120,0	mm
Ae	354,0	mm ^{2}
Amin	- - -	mm ^{2}
Ve	42500,0	mm ^{3}

Weight Approx. (piece) 109,0 g

ACCESSORIES NEE-55
click here



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEE-55/28/21-125-IP12R	IP12R	125	± 8	*3,05	34
NEE-55/28/21-220-IP6	IP6	220	± 10	2,85	60
NEE-55/28/21-220-IP12R	IP12R	220	± 10	2,85	60
NEE-55/28/21-300-IP6	IP6	300	± 10	2,00	81
NEE-55/28/21-300-IP12R	IP12R	300	± 10	2,00	81
NEE-55/28/21-330-IP6	IP6	330	± 10	1,70	89
NEE-55/28/21-380-IP6	IP6	380	± 10	1,40	103
NEE-55/28/21-380-IP12R	IP12R	380	± 10	1,40	103
NEE-55/28/21-496-IP12R	IP12R	496	± 10	0,96	134
NEE-55/28/21-520-IP6	IP6	520	± 10	0,90	141
NEE-55/28/21-930-IP6	IP6	930	± 15	0,70	252

* Simetrical gap

WITHOUT GAP

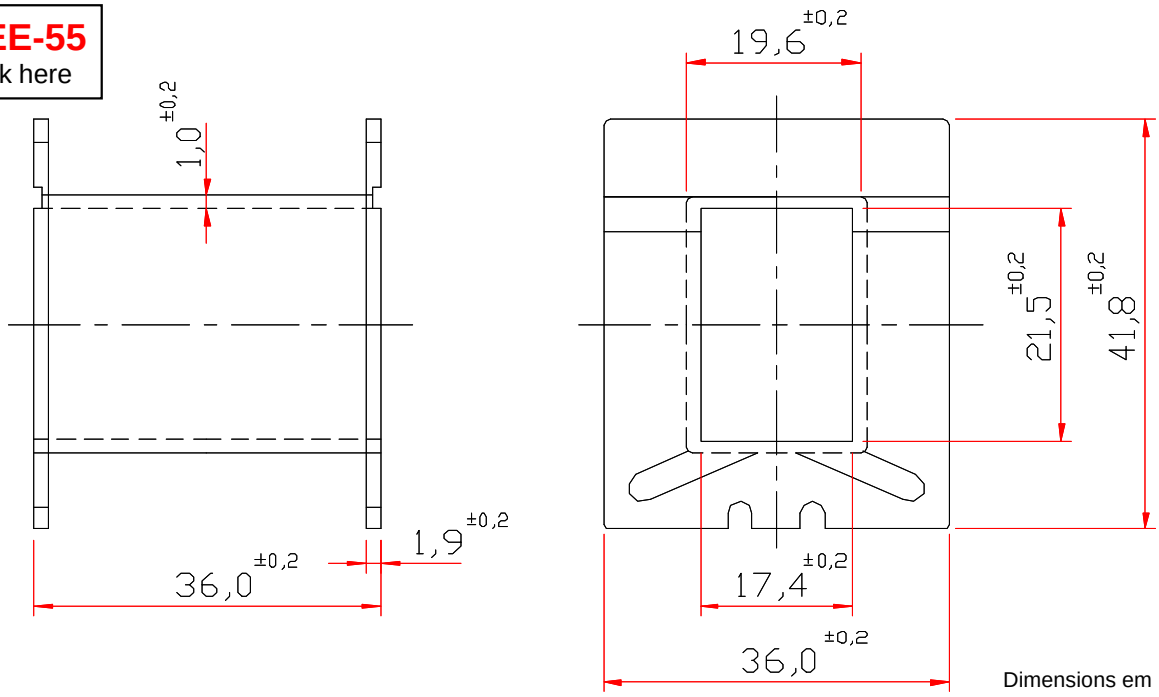
DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEE-55/28/21-6000-IP6	IP6	6000	+40 / -20	- - -	1623
NEE-55/28/21-6500-IP12R	IP12R	6500	+40 / -20	- - -	1759
NEE-55/28/21-6800-IP12E	IP12E	6800	± 25	- - -	1840
NEE-55/28/21-7050-IP612	IP612	7050	min.	- - -	1907

Others AL's by consulting

ACCESSORIES - NEE-55/28/21

COIL FORMER

NEE-55
click here



Dimensions em mm

DESCRIPTION ORDER	NUMBER OF SECTIONS	WINDOW [mm²]	MEAN LENGTH [mm/turn]	WEIGHT ~ g [mm]	MATERIAL
CE-55/28/21-1/0-POM	1	250,00	116,00	8,50	Poliacetal

THORNTON

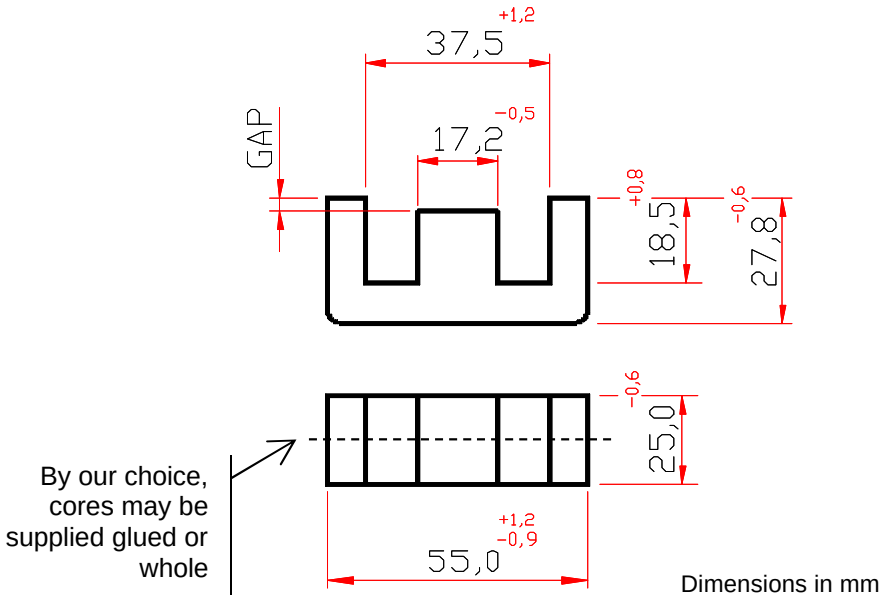
Thornton
Eletrônica Ltda

NEE-55/28/25

Effective Core Parameters:

S I/A	0,293	mm-¹
Le	123,60	mm
Ae	421,26	mm ²
Amin	418,66	mm ²
Ve	52070,9	mm ³

Weight Approx. (piece) 131,0 g



By our choice, cores may be supplied glued or whole

Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEE-55/28/25-130-IP12E	IP12E	130	± 10	*0,60	30

* Simetrical gap

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEE-55/28/25-7300-IP12E	IP12E	7300	± 25	- - -	1701

Others AL's by consulting

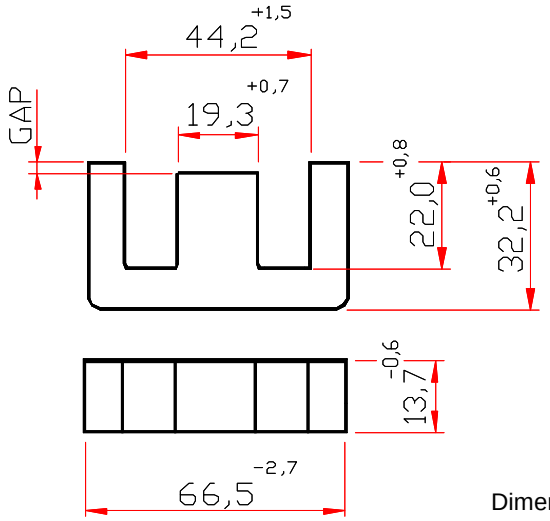
THORNTON
Thornton
Eletrônica Ltda

NEE-65/33/13

Effective Core Parameters:

S I/A	0,55	mm-¹
Le	147,0	mm
Ae	266,0	mm ²
Amin	- - -	mm ²
Ve	39100,0	mm ³

Weight Approx. (piece) 97,7 g



Dimensions in mm

WITH GAP

Another gap by consulting

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEE-65/33/13-3600-IP6	IP6	3600	± 25	- - -	1575
NEE-65/33/13-3600-IP12R	IP12R	3600	± 25	- - -	1575
NEE-65/33/13-3600-IP12E	IP12E	3600	± 25	- - -	1575

Others AL's by consulting

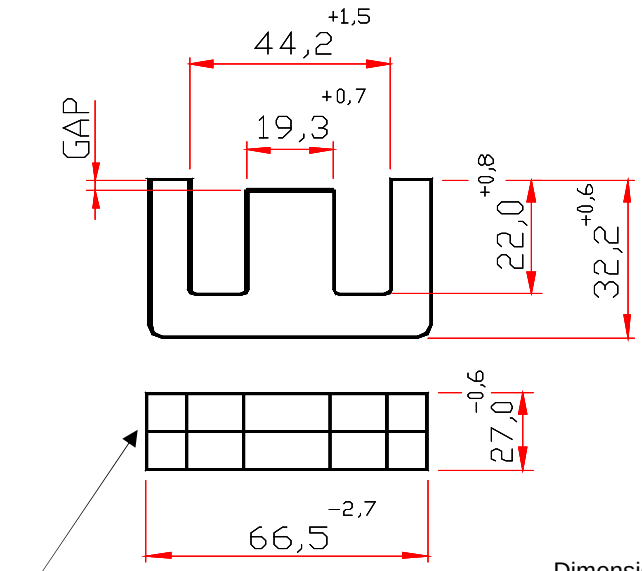
THORNTON
Thornton
Eletrônica Ltda

NEE-65/33/26

Effective Core Parameters:

Σ l/A	0,28	mm^{-1}
Le	147,0	mm
Ae	532,0	mm ^{2}
Amin	- - -	mm ^{2}
Ve	78200,0	mm ^{3}

Weight Approx. (piece) 193,5 g



Dimensions in mm

* By our choice, cores may be supplied glued or whole

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEE-65/33/26-100-IP12R	IP12R	100	±10	*5,8	22,2
NEE-65/33/26-200-IP12R	IP12R	200	±10	2,5	44,5
NEE-65/33/26-285-IP12R	IP12R	285	± 15	3,5	63,5

* Simetrical gap

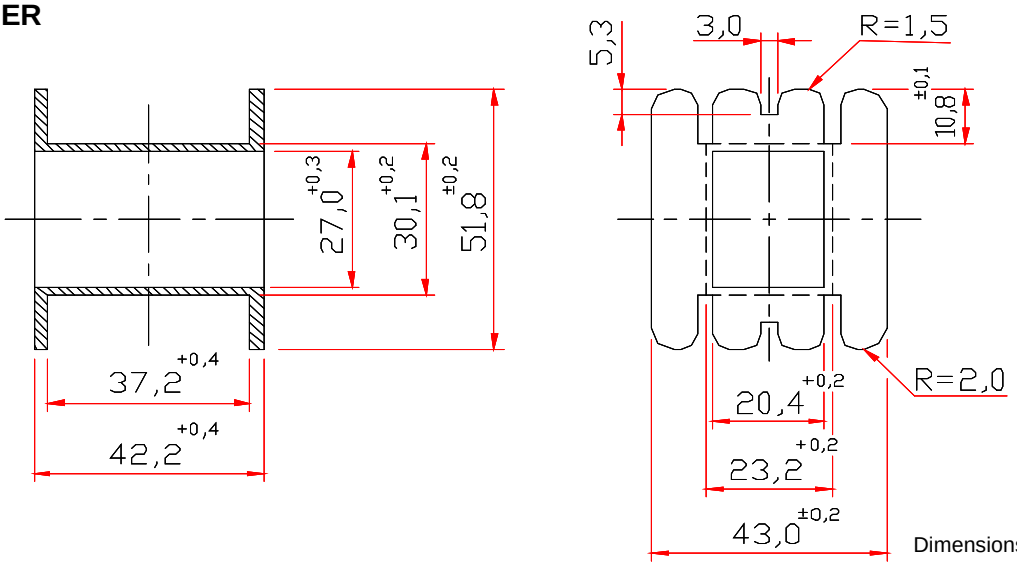
WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEE-65/33/26-7200-IP6	IP6	7200	± 25	- - -	1604
NEE-65/33/26-7200-IP12R	IP12R	7200	± 25	- - -	1604

Others AL's by consulting

ACCESSORIES - NEE-65/33/26

COIL FORMER



Dimensions em mm

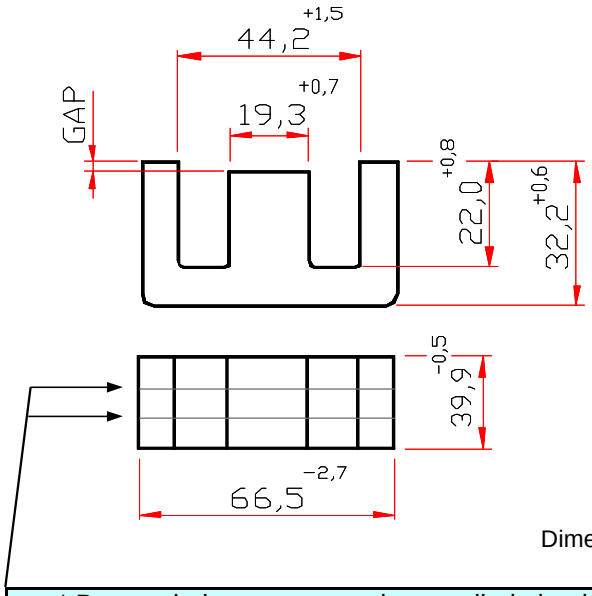
DESCRIPTION ORDER	NUMBER OF SECTIONS	WINDOW [mm²]	MEAN LENGTH [mm/turn]	WEIGHT ~ g [mm]	MATERIAL
CE-65/33/26-1/0-POM	1	370,00	148,00	18,00	Polyacetal

NEE-65/33/39

Effective Core Parameters:

S I/A	0,18	mm-¹
Le	147,0	mm
Ae	798,0	mm ²
Amin	- - -	mm ²
Ve	117300,0	mm ³

Weight Approx. (piece) 291,2 g



Dimensions in mm

* By our choice, cores may be supplied glued or whole

WITH GAP

Items with gap by consulting

WITHOUT GAP

DESCRIPTION ORDER	Al [nH]	Tol.%	~g [mm]	~ µe
NEE-65/33/39-10800-IP6	10800	± 25	- - -	1547
NEE-65/33/39-10800-IP12E	10800	± 25	- - -	1547
NEE-65/33/39-10800-IP12R	10800	± 25	- - -	1547

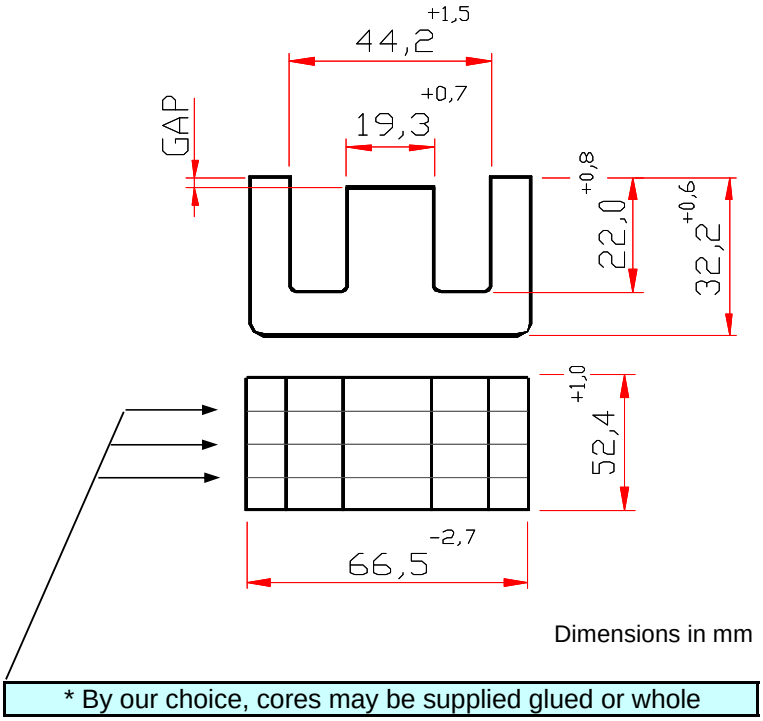
Others AL's by consulting

NEE-65/33/52

Effective Core Parameters:

S I/A	0,139	mm-¹
Le	147,0	mm
Ae	1057,79	mm ²
Amin	- - -	mm ²
Ve	155495,0	mm ³

Weight Approx. (piece) 370,0 g



Dimensions in mm

* By our choice, cores may be supplied glued or whole

WITH GAP

Items with gap by consulting

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEE-65/33/52-16000-IP6	IP6	16000	± 25	- - -	1769
NEE-65/33/52-16000-IP12R	IP12R	16000	± 25	- - -	1769

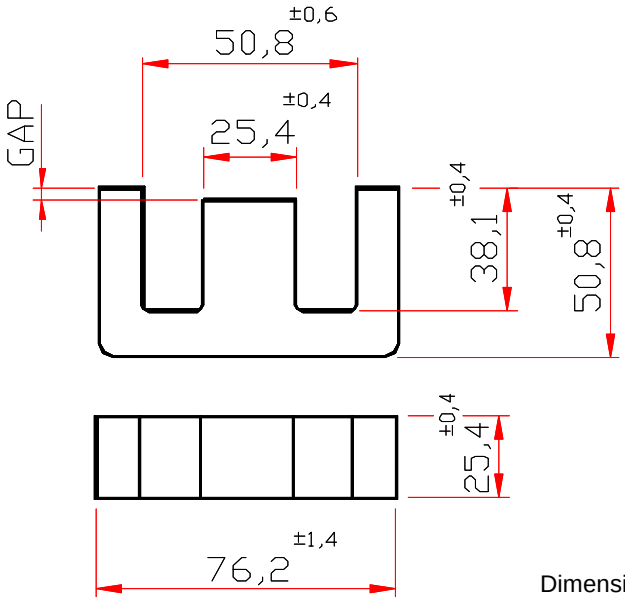
Others AL's by consulting

NEE-76/50/25

Effective Core Parameters:

S I/A	0,337	mm-¹
Le	217,69	mm
Ae	645,16	mm ²
Amin	- - -	mm ²
Ve	140450,18	mm ³

Weight Approx. (piece) 315,2 g



Dimensions in mm

WITH GAP

Items with gap by consulting

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEE-76/50/25-5315-IP12R	IP12R	5315	+50 / -0	- - -	1780

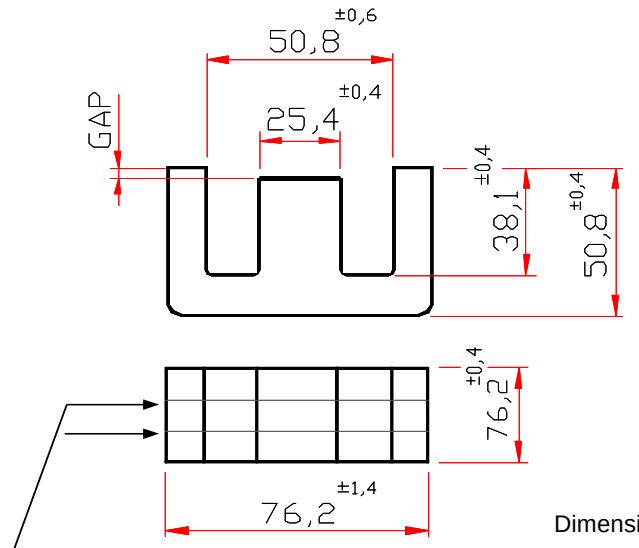
Others AL's by consulting

NEE-76/50/76

Effective Core Parameters:

S I/A	0,112	mm-¹
Le	217,69	mm
Ae	1935,48	mm ²
Amin	- - -	mm ²
Ve	421350,1	mm ³

Weight Approx. (piece) 945,6 g



Dimensions in mm

* By our choice, cores may be supplied glued or whole

WITH GAP

Items with gap by consulting

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEE-76/50/76-15945-IP12R	IP12R	15945	+50 / -0	- - -	1421

Others AL's by consulting

THORNTON

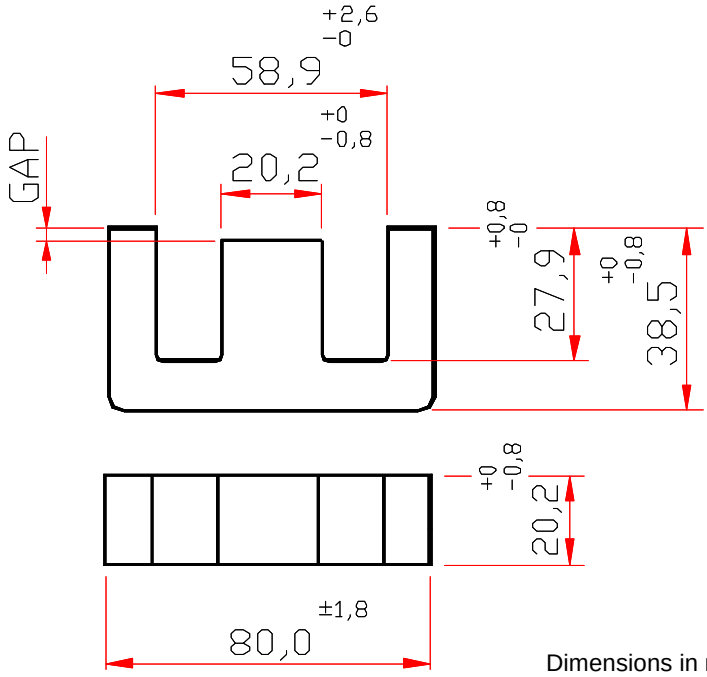
Thornton
Eletrônica Ltda

NEE-80/38/20

Effective Core Parameters:

S I/A	0,472	mm-¹
Le	184,54	mm
Ae	390,83	mm ²
Amin	388,08	mm ²
Ve	72124	mm ³

Weight Approx. (piece) 178,00 g



Dimensions in mm

WITH GAP

Items with gap by consulting

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEE-80/38/20-4600-IP12E	IP12E	4600	± 25	- - -	1727,3

Others AL's by consulting

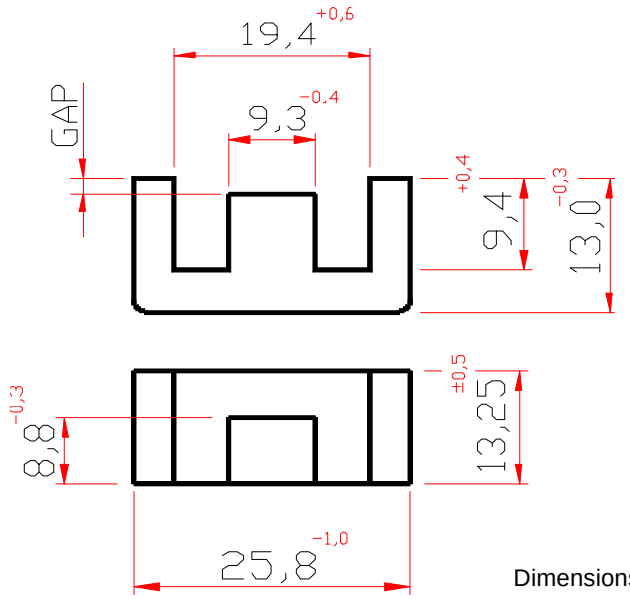
THORNTON
Thornton
Eletrônica Ltda

NEFS-25/13/13

Effective Core Parameters:

S I/A	0,85	mm-¹
Le	62	mm
Ae	73	mm ²
Amin	72,5	mm ²
Ve	4520	mm ³

Weight Approx. (piece) 12,2 g



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEFS-25/13/13-130-IP12E	IP12E	130	±10	1,0	88

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEEF-25/13/13-2600-IP12E	IP12E	2600	±25	- - -	1760

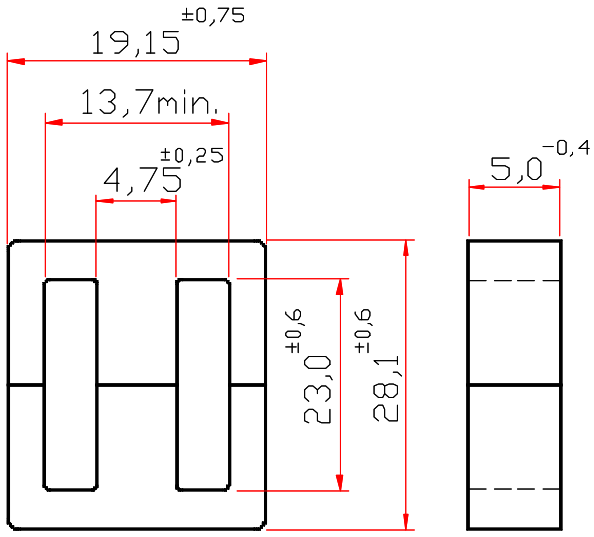
Others AL's by consulting

NEEL-19/14/5

Effective Core Parameters:

S I/A	2,67	mm^{-1}
Le	63,1	mm
Ae	23,7	mm^2
Amin	- - -	mm^2
Ve	1495	mm^3

Weight Approx. (piece) 8,0 g



Dimensions in mm

WITH GAP

Items with gap by consulting

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEEL-19/14/5-1000-IP6	IP6	1000	± 25	- - -	2124
NEEL-19/14/5-1000-IP12R	IP12R	1000	± 25	- - -	2124

Others AL's by consulting

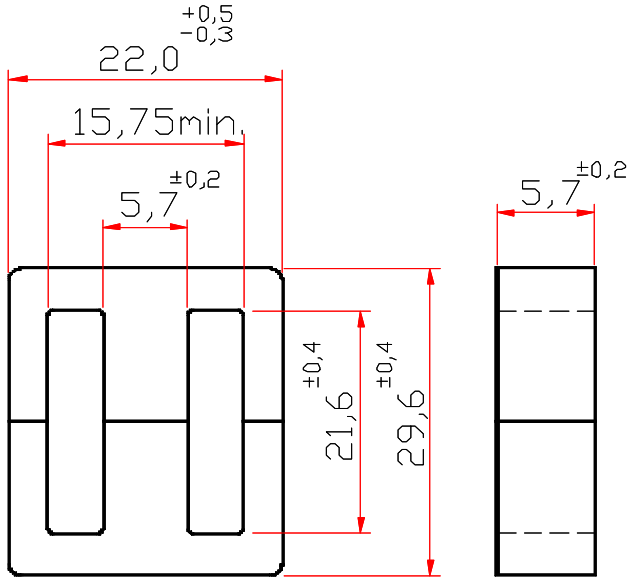
THORNTON
Thornton
Eletrônica Ltda

NEEL-22/15/6

Effective Core Parameters:

S I/A	1,85	mm^{-1}
Le	63,6	mm
Ae	34,4	mm^2
Amin	- - -	mm^2
Ve	2186,0	mm^3

Weight Approx. (piece) 12,0 g



Dimensions in mm

WITH GAP

Items with gap by consulting

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEEL-22/15/6-1100-IP6	IP6	1100	+30 / -20	- - -	1619
NEEL-22/15/6-1100-IP12R	IP12R	1100	+30 / -20	- - -	1619

Others AL's by consulting

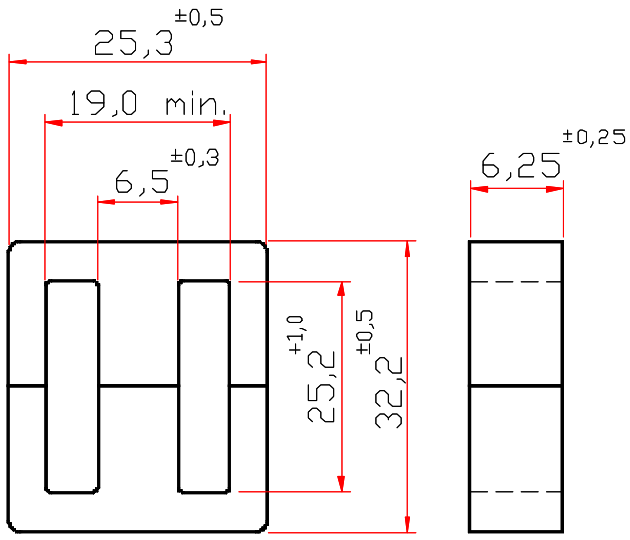
THORNTON
Thornton
Eletrônica Ltda

NEEL-25/16/6

Effective Core Parameters:

S I/A	1,91	mm-¹
Le	74,1	mm
Ae	38,7	mm ²
Amin	- - -	mm ²
Ve	2871,9	mm ³

Weight Approx. (piece) 14,82 g



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEEL-25/16/6-100-IP12R	IP12R	100	±10	0,65	152
NEEL-25/16/6-100-IP12E	IP12E	100	±10	0,65	152

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEEL-25/16/6-1200-IP6	IP6	1200	+30 / -20	- - -	1827

Others AL's by consulting

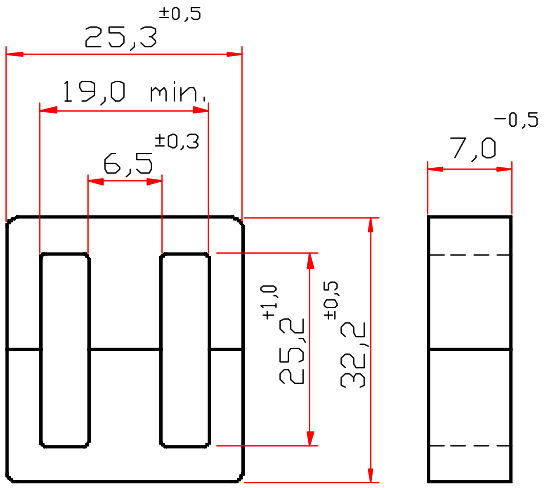
THORNTON
Thornton
Eletrônica Ltda

NEEL-25/16/7

Effective Core Parameters:

S I/A	1,76	mm^{-1}
Le	74,1	mm
Ae	42,2	mm ^{2}
Amin	- - -	mm ^{2}
Ve	3125,0	mm ^{3}

Weight Approx. (piece) 16,0 g



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEEL-25/16/7-100-IP12E	IP12E	100	± 10	0,78	140

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEEL-25/16/7-1300-IP6	IP6	1300	+30 / -20	- - -	1820
NEEL-25/16/7-1400-IP12R	IP12R	1400	+30 / -20	- - -	1960

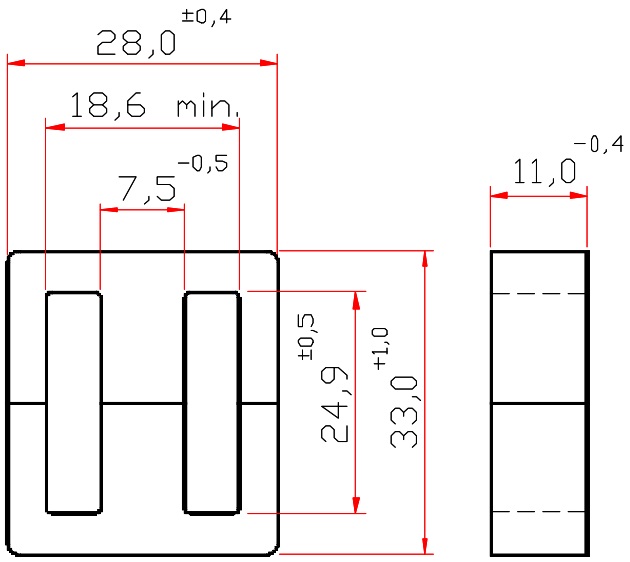
Others AL's by consulting

NEEL-28/17/11

Effective Core Parameters:

S I/A	0,89	mm-¹
Le	75,1	mm
Ae	84,5	mm ²
Amin	- - -	mm ²
Ve	6344,0	mm ³

Weight Approx. (piece) 32,7 g



Dimensions in mm

WITH GAP

Items with gap by consulting

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEEL-28/17/11-2300-IP6	IP6	2300	+30 / -20	- - -	1625

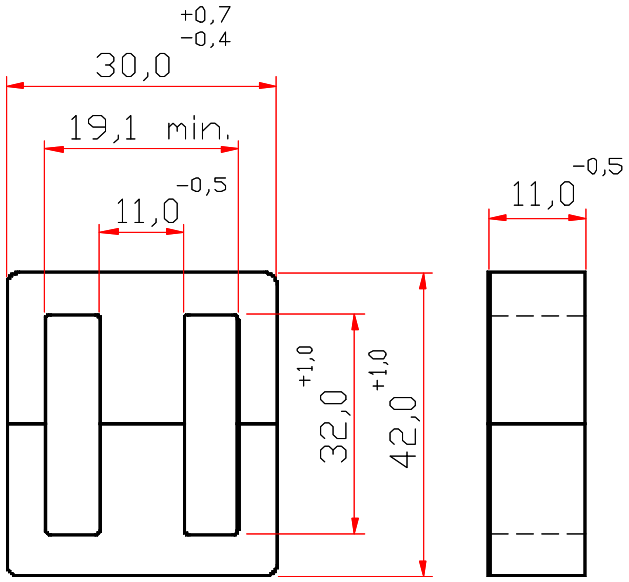
Others AL's by consulting

NEEL-30/21/11

Effective Core Parameters:

S I/A	0,8	mm^{-1}
Le	90,0	mm
Ae	113,1	mm^2
Amin	- - -	mm^2
Ve	10178,0	mm^3

Weight Approx. (piece) 51,8 g



Dimensions in mm

WITH GAP

Items with gap by consulting

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEEL-30/21/11-2800-IP6	IP6	2800	+30 / -20	- - -	1782

Others AL's by consulting

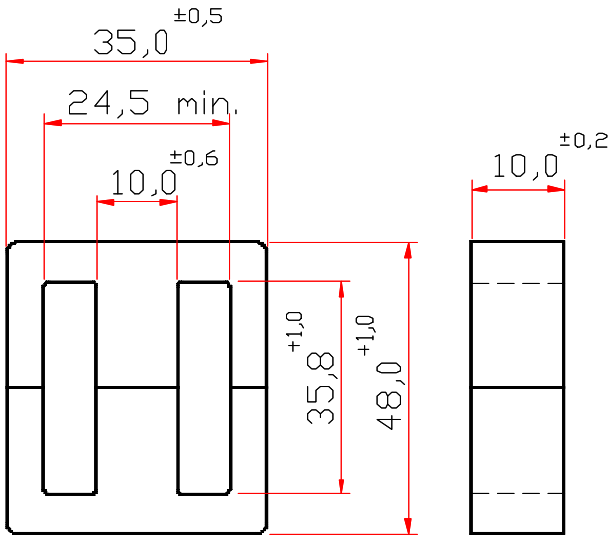
THORNTON
Thornton
Eletrônica Ltda

NEEL-35/24/10

Effective Core Parameters:

S I/A	1,02	mm-¹
Le	103,6	mm
Ae	101,7	mm ²
Amin	- - -	mm ²
Ve	10539,0	mm ³

Weight Approx. (piece) 56,0 g



Dimensions in mm

WITH GAP

Items with gap by consulting

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEEL-35/24/10-2000-IP6	IP6	2000	+30 / -20	- - -	1624
NEEL-35/24/10-2000-IP12R	IP12R	2000	+30 / -20	- - -	1624

Others AL's by consulting

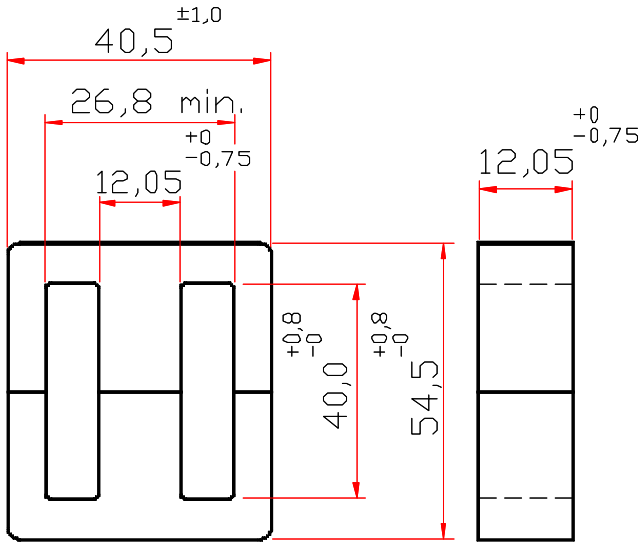
THORNTON
Thornton
Eletrônica Ltda

NEEL-40/27/12

Effective Core Parameters:

S I/A	0,82	mm-¹
Le	117,0	mm
Ae	142,0	mm ²
Amin	- - -	mm ²
Ve	16659,0	mm ³

Weight Approx. (piece) 86,6 g



Dimensions in mm

WITH GAP

Items with gap by consulting

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEEL-40/27/12-2400-IP6	IP6	2400	+30 / -20	- - -	1566

Others AL's by consulting

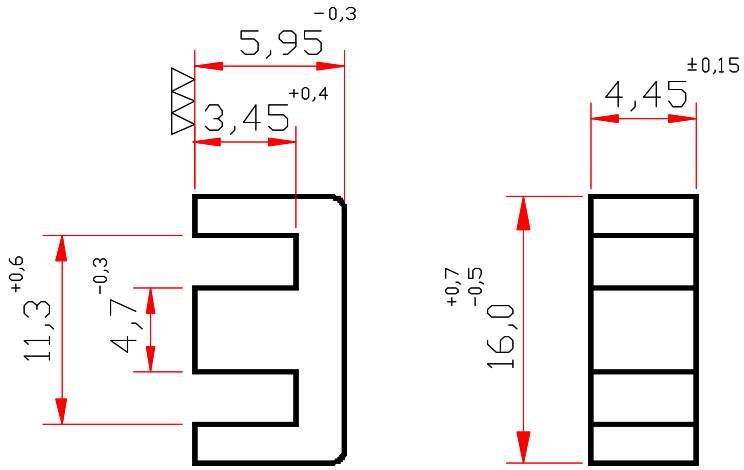
THORNTON
Thornton
Eletrônica Ltda

NEF-16/6/4,5

Effective Core Parameters:

S I/A	1,446	mm-¹
Le	28,56	mm
Ae	19,75	mm ²
Amin	---	mm ²
Ve	564,20	mm ³

Weight Approx. (piece) 1,47 g



Dimensions in mm

WITH GAP

Items with gap by consulting

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEF-16/6/4,5-1100-IP12E	IP12E	1100	+30 / -20	---	1265
NEF-16/6/4,5-1100-IP12R	IP12R	1100	+30 / -20	---	1265

Others AL's by consulting

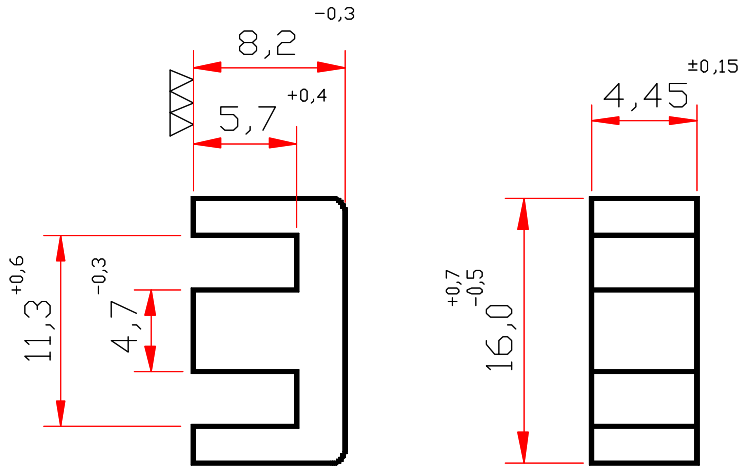
THORNTON
Thornton
Eletrônica Ltda

NEF-16/8/4,5

Effective Core Parameters:

S I/A	1,893	mm-¹
Le	37,56	mm
Ae	19,83	mm ²
Amin	---	mm ²
Ve	745,25	mm ³

Weight Approx. (piece) 1,92 g



Dimensions in mm

WITH GAP

Items with gap by consulting

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEF-16/8/4,5-950-IP12E	IP12E	950	+30 / -20	---	1430
NEF-16/8/4,5-950-IP12R	IP12R	950	+30 / -20	---	1430

Others AL's by consulting

THORNTON

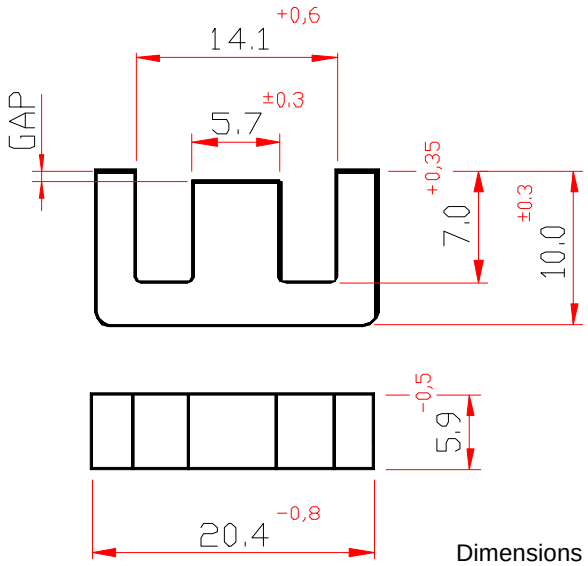
Thornton
Eletrônica Ltda

NEF-20/10/6

Effective Core Parameters:

S I/A	1,45	mm-¹
Le	46,27	mm
Ae	31,92	mm ²
Amin	31,64	mm ²
Ve	1476,99	mm ³

Weight Approx. (piece) 3,78 g



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEF-20/10/6-GAP 0,5-IP12R	IP12R	---	---	0,50	---
NEF-20/10/6-GAP 0,5-IP12E	IP12E	---	---	0,50	---
NEEF-20/10/6-43-IP12R	IP12R	43	± 8	1,70	49
NEEF-20/10/6-43-IP12E	IP12E	43	± 8	1,70	49
NEEF-20/10/6-63-IP12E	IP12E	63	± 8	0,95	71
NEEF-20/10/6-65-IP12R	IP12R	65	± 7	0,95	74
NEEF-20/10/6-65-IP12E	IP12E	65	± 7	0,95	74
NEEF-20/10/6-67-IP12R	IP12R	67	± 5	0,94	76
NEEF-20/10/6-70-IP12R	IP12R	70	± 5	0,90	80
NEEF-20/10/6-70-IP12E	IP12E	70	± 5	0,90	80
NEEF-20/10/6-78-IP12R	IP12R	78	± 8	0,85	88
NEEF-20/10/6-80-IP12E	IP12E	80	± 10	0,85	91
NEEF-20/10/6-100-IP12R	IP12R	100	± 8	0,55	114
NEEF-20/10/6-100-IP12R	IP12R	100	± 10	0,55	114
NEEF-20/10/6-100-IP12E	IP12E	100	± 10	0,55	114
NEEF-20/10/6-134-IP12E	IP12E	134	± 10	0,40	154
NEEF-20/10/6-140-IP12E	IP12E	140	± 10	0,38	161
NEEF-20/10/6-172-IP12R	IP12R	172	± 10	0,20	196
NEEF-20/10/6-290-IP12R	IP12R	290	± 15	0,12	330
NEEF-20/10/6-290-IP12E	IP12E	290	± 15	0,12	330
NEEF-20/10/6-320-IP12R	IP12R	320	± 15	0,11	369

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEEF-20/10/6-1500-IP12E	IP12E	1500	± 25	---	1706
NEEF-20/10/6-1500-IP12R	IP12R	1500	± 25	---	1706
NEEF-20/10/6-2500-TH50	TH50	2500	± 25	---	2844

Others AL's by consulting

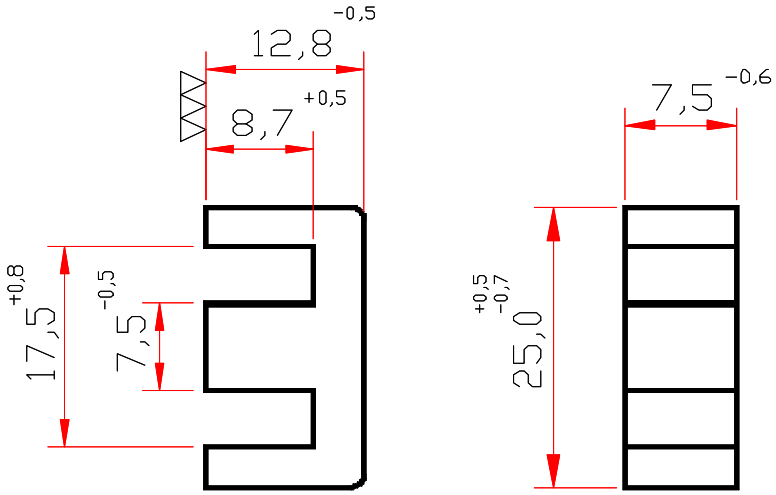
THORNTON
Thornton
Eletrônica Ltda

NEF-25/13/7,3

Effective Core Parameters:

S I/A	1,11	mm-¹
Le	57,8	mm
Ae	51,84	mm ²
Amin	---	mm ²
Ve	2994,0	mm ³

Weight Approx. (piece) 7,3 g



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEEF-25/13/7,3-65-IP12R	IP12R	65	± 6	1,6	57,39
NEEF-25/13/7,3-65-IP12E	IP12E	65	± 6	1,6	57,39
NEEF-25/13/7,3-78-IP12R	IP12R	78	± 6	1,4	68,87
NEEF-25/13/7,3-100-IP6	IP6	100	± 8	1,0	88,3
NEEF-25/13/7,3-100-IP12R	IP12R	100	± 8	1,0	88,3
NEEF-25/13/7,3-107-IP12R	IP12R	107	± 10	0,82	94,4
NEEF-25/13/7,3-120-IP12E	IP12E	120	± 10	0,72	105,6
NEEF-25/13/7,3-175-IP12E	IP12E	175	± 10	0,35	154,5

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEEF-25/13/7,3-1800-IP12R	IP12R	1800	± 25	---	1590
NEEF-25/13/7,3-1800-IP12E	IP12E	1800	± 25	---	1590
NEEF-25/13/7,3-3100-TH50	TH50	3100	+30 / -20	---	2738

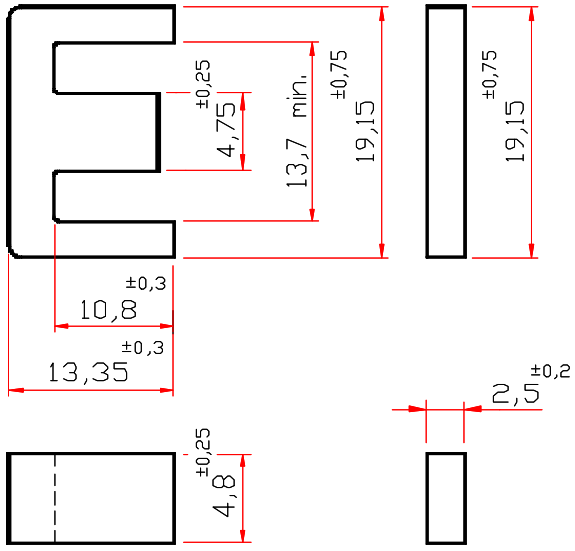
Others AL's by consulting

NEI-19/16/5

Effective Core Parameters:

S I/A	1,5	mm-¹
Le	40,0	mm
Ae	26,0	mm ²
Amin	- - -	mm ²
Ve	1040,0	mm ³

Weight Approx. (piece) 5,0 g



Dimensions in mm

WITH GAP

Items with gap by consulting

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEI-19/16/5-1100-IP6	IP6	1100	+30 / -20	- - -	1348
NEI-19/16/5-1700-TH50	TH50	1700	+30 / -20	- - -	2083

Others AL's by consulting

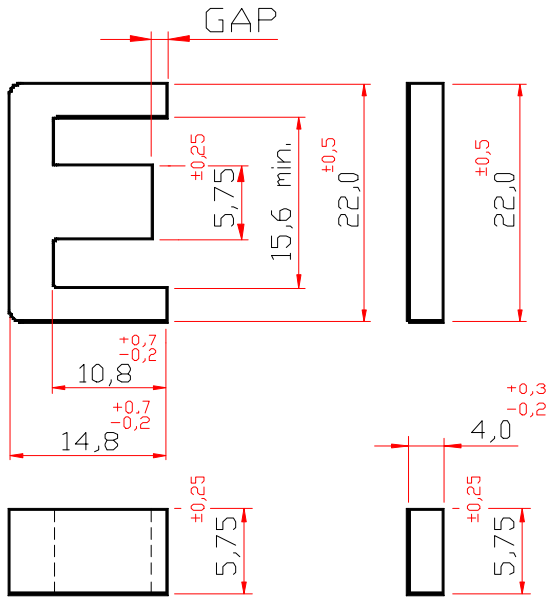
THORNTON
Thornton
Eletrônica Ltda

NEI-22/19/6

Effective Core Parameters:

S I/A	1,13	mm-¹
Le	41,3	mm
Ae	36,6	mm ²
Amin	---	mm ²
Ve	1511,0	mm ³

Weight Approx. (piece) 8,5 g



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEI-22/19/6-110-IP6	IP6	110	±10	0,62	98,9
NEI-22/19/6-170-IP6	IP6	170	±10	0,3	152,9
NEI-22/19/6-170-IP12R	IP12R	170	±10	0,3	152,9
NEI-22/19/6-190-IP6	IP12R	190	±10	0,2	170

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEI-22/19/6-1250-IP6	IP6	1250	+30 / -20	- - -	1124
NEI-22/19/6-1250-IP12R	IP12R	1250	+30 / -20	- - -	1124

Others AL's by consulting

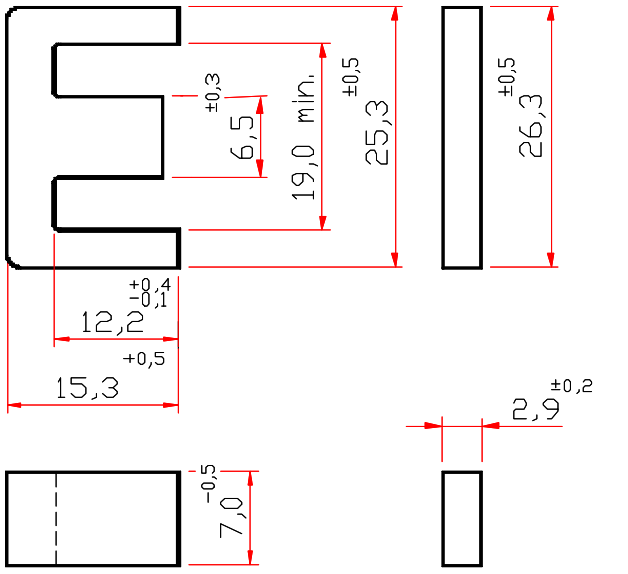
THORNTON
Thornton
Eletrônica Ltda

NEI-25/18/7

Effective Core Parameters:

S I/A	1,15	mm-¹
Le	47,0	mm
Ae	41,0	mm ²
Amin	- - -	mm ²
Ve	1927,0	mm ³

Weight Approx. (piece) 10,0 g



Dimensions in mm

WITH GAP

Items with gap by consulting

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEI-25/18/7-1500-IP6	IP6	1500	+30 / -20	- - -	1372
NEI-25/18/7-1500-IP12R	IP12R	1500	+30 / -20	- - -	1372

Others AL's by consulting

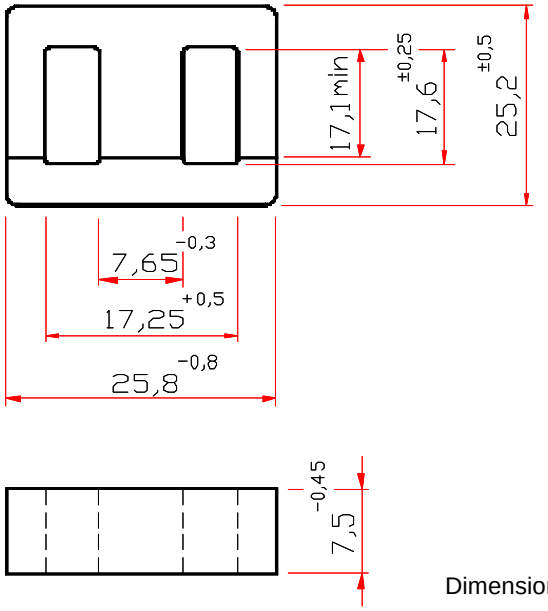
THORNTON
Thornton
Eletrônica Ltda

NEI-25,8/25/7

Effective Core Parameters:

S I/A	1,09	mm-¹
Le	57,5	mm
Ae	52,5	mm ²
Amin	- - -	mm ²
Ve	3020,0	mm ³

Weight Approx. (piece) 16,0 g



Dimensions in mm

WITH GAP

Items with gap by consulting

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEI-25,8/25/7-1500-IP6	IP6	1500	+30 / -20	- - -	1372

Others AL's by consulting

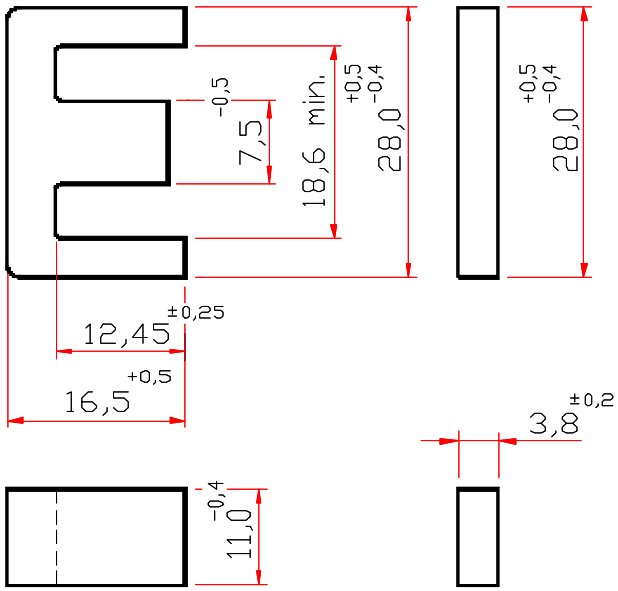
THORNTON
Thornton
Eletrônica Ltda

NEI-28/20/11

Effective Core Parameters:

S I/A	0,65	mm-¹
Le	60,4	mm
Ae	93,0	mm ²
Amin	- - -	mm ²
Ve	5615,0	mm ³

Weight Approx. (piece) 22,0 g



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEI-28/20/11-145-IP12R	IP12R	145	±10	1,25	- - -

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEI-28/20/11-2800-IP6	IP6	2800	+30 / -20	- - -	1448
NEI-28/20/11-2800-IP12R	IP12R	2800	+30 / -20	- - -	1448

Others AL's by consulting

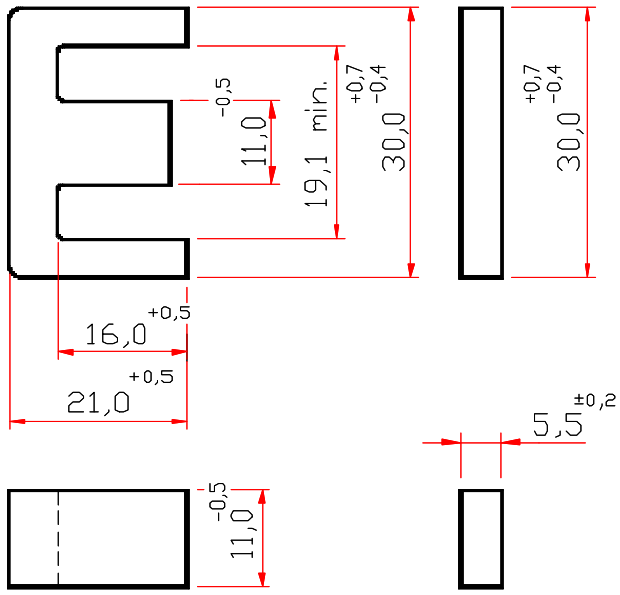
THORNTON
Thornton
Eletrônica Ltda

NEI-30/27/11

Effective Core Parameters:

S I/A	0,52	mm-¹
Le	58,0	mm
Ae	111,0	mm ²
Amin	- - -	mm ²
Ve	6440,0	mm ³

Weight Approx. (piece) 34,6 g



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEI-30/27/11-180-IP6	IP6	180	± 10	1,50	74
NEI-30/27/11-180-IP12R	IP12R	180	± 10	1,50	74
NEI-30/27/11-200-IP12R	IP12R	200	± 10	1,30	83
NEI-30/27/11-300-IP6	IP6	300	± 12	0,6	124
NEI-30/27/11-300-IP12R	IP12R	300	± 12	0,6	124
NEI-30/27/11-450-IP12R	IP12R	450	± 10	0,37	186,2

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEI-30/27/11-3300-IP6	IP6	3300	+30 / -20	- - -	1365
NEI-30/27/11-4000-IP12R	IP12R	4000	± 25	- - -	1655

Others AL's by consulting

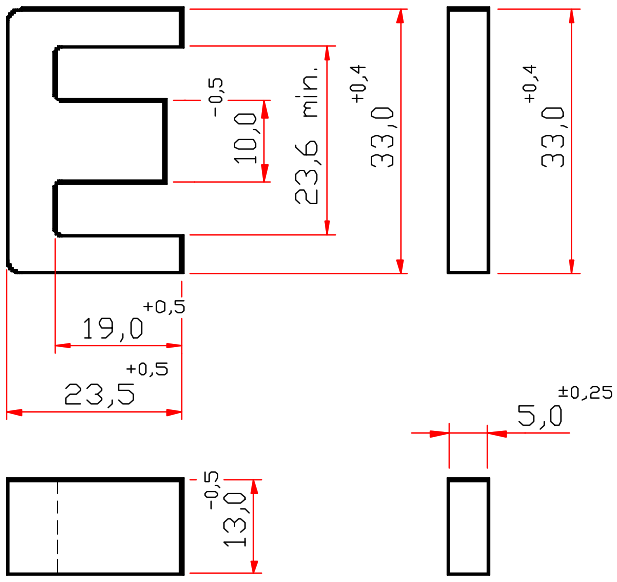
THORNTON
Thornton
Eletrônica Ltda

NEI-33/24/13

Effective Core Parameters:

S I/A	0,57	mm^{-1}
Le	67,5	mm
Ae	118,5	mm ^{2}
Amin	- - -	mm ^{2}
Ve	8000,0	mm ^{3}

Weight Approx. (piece) 41,5 g



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEI-33/24/13-250-IP12R	IP12R	250	± 12	1,0	113
NEI-33/24/13-345-IP12R	IP12R	345	± 15	0,50	156

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEI-33/24/13-3700-IP12R	IP12R	3700	± 25	- - -	1678
NEI-33/24/13-3700-IP6	IP6	3700	± 25	- - -	1678

Others AL's by consulting

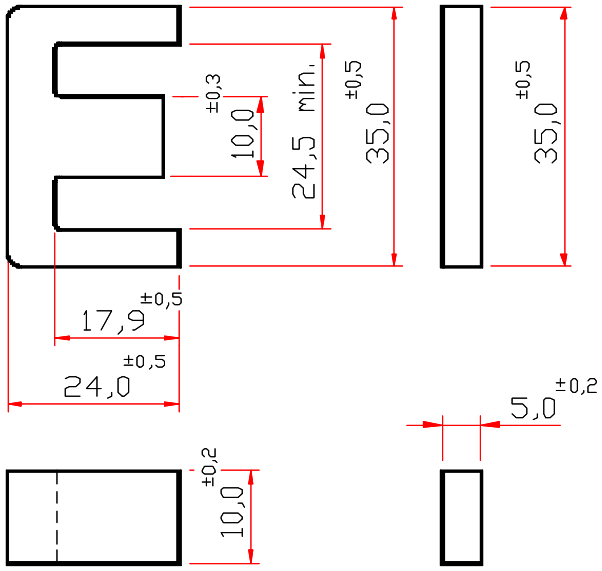
THORNTON
Thornton
Eletrônica Ltda

NEI-35/29/10

Effective Core Parameters:

S I/A	0,66	mm-¹
Le	71,3	mm
Ae	108,5	mm ²
Amin	- - -	mm ²
Ve	7734,0	mm ³

Weight Approx. (piece) 36,0 g



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEI-35/29/10-60-IP12R	IP12R	60	±10	1,05	35,5
NEI-35/29/10-190-IP12R	IP12R	190	±10	6,40	100

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEI-35/29/10-2900-IP6	IP6	2900	+30 / -20	- - -	1523
NEI-35/29/10-2900-IP12R	IPR	2900	+30 / -20	- - -	1523

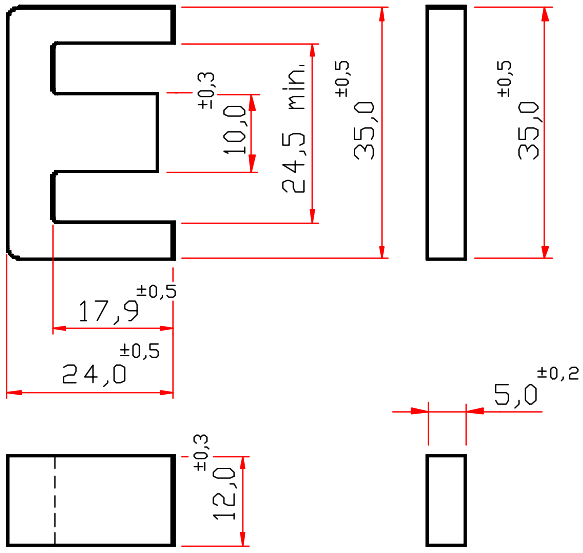
Others AL's by consulting

NEI-35/29/12

Effective Core Parameters:

S I/A	0,54	mm^{-1}
Le	67,6	mm
Ae	124,8	mm ^{2}
Amin	- - -	mm ^{2}
Ve	8434,0	mm ^{3}

Weight Approx. (piece) 43,0 g



Dimensions in mm

WITH GAP

Items with gap by consulting

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEI-35/29/12-3250-IP6	IP6	3250	+30 / -20	- - -	1396
NEI-35/29/12-3250-IP12R	IP12R	3250	+30 / -20	- - -	1396

Others AL's by consulting

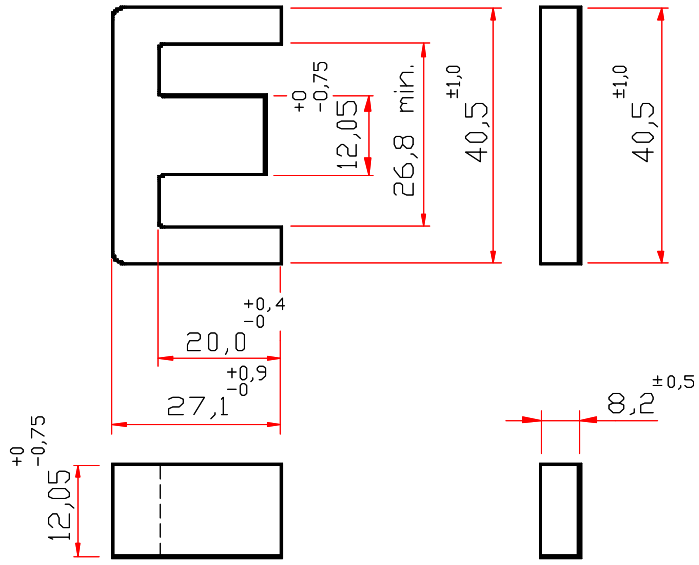
THORNTON
Thornton
Eletrônica Ltda

NEI-40/35/12

Effective Core Parameters:

S I/A	0,52	mm-¹
Le	77,0	mm
Ae	148,0	mm ²
Amin	- - -	mm ²
Ve	11300,0	mm ³

Weight Approx. (piece) 60,8 g



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEI-40/35/12-260-IP12R	IP12R	260	± 10	*0,95	107

* Simetrical gap

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEI-40/35/12-3560-IP12R	IP12R	3560	± 25	- - -	1473
NEI-40/35/12-3560-IP6	IP6	3560	± 25	- - -	1473

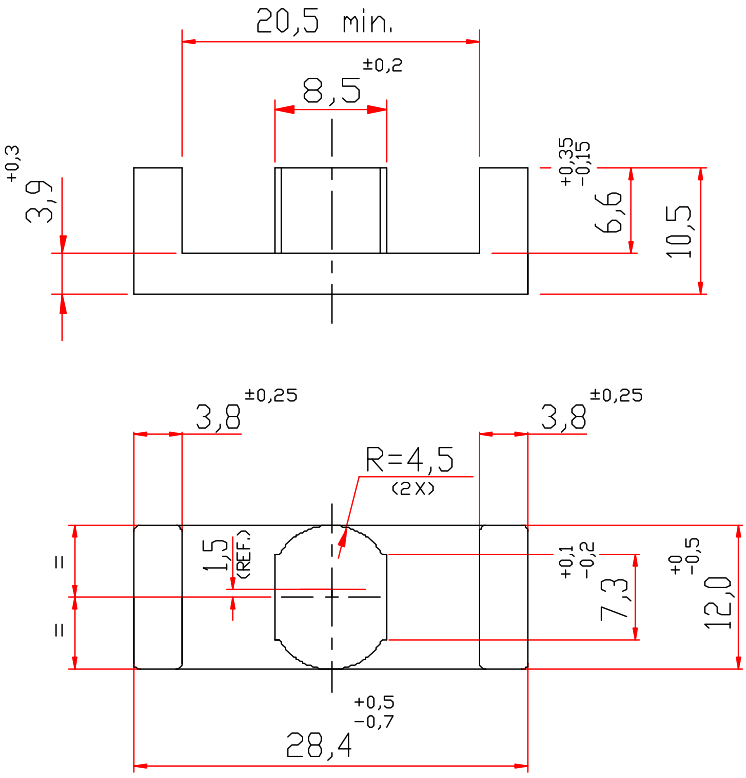
Others AL's by consulting

NER-28/10/12

Effective Core Parameters:

S I/A	0,566	mm-¹
Le	51,0	mm
Ae	90,0	mm ²
Amin	- - -	mm ²
Ve	4590,0	mm ³

Weight Approx. (piece) 11,8 g



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEER-28/10/12-144-IP12E	IP12E	144	± 5,5	0,85	65,0
NEER-28/10/12-144-IP12R	IP12R	144	± 5,5	0,85	65,0

Others AL's by consulting

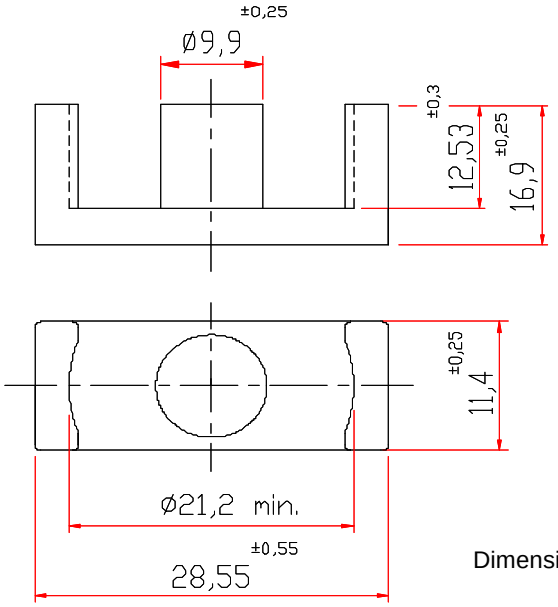
THORNTON
Thornton
Eletrônica Ltda

NER-28/17/12

Effective Core Parameters:

S I/A	0,928	mm-¹
Le	75,5	mm
Ae	81,4	mm ²
Amin	- - -	mm ²
Ve	6140	mm ³

Weight Approx. (piece) 16,5 g



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEER-28/17/12-72-IP12R	IP12R	72	± 9	1.30	53,1
NEER-28/17/12-91-IP12E	IP12E	91	± 9	1,85	67,1
NEER-28/17/12-91-IP12R	IP12R	91	± 9	1,85	67,1
NEER-28/17/12-100-IP12E	IP12E	100	± 9	1,30	73,8
NEER-28/17/12-100-IP12R	IP12R	100	± 9	1,30	73,8
NEER-28/17/12-120-IP12E	IP12E	120	± 10	1,20	88,6
NEER-28/17/12-120-IP12R	IP12R	120	± 10	1,20	88,6
NEER-28/17/12-138-IP12R	IP12R	138	± 10	0,95	101,8
NEER-28/17/12-142-IP12R	IP12R	142	± 10	0,84	104,7
NEER-28/17/12-170-IP12E	IP12E	170	± 5	0,67	125,5
NEER-28/17/12-170-IP12R	IP12R	170	± 5	0,67	125,5
NEER-28/17/12-176-IP12E	IP12E	176	± 15	0,65	129,9
NEER-28/17/12-176-IP12R	IP12R	176	± 15	0,65	129,9
NEER-28/17/12-180-IP12E	IP12E	180	± 10	0,63	132,8
NEER-28/17/12-180-IP12R	IP12R	180	± 10	0,63	132,8
NEER-28/17/12-200-IP12E	IP12E	200	± 15	0,45	147,6
NEER-28/17/12-200-IP12R	IP12R	200	± 15	0,45	147,6
NEER-28/17/12-236-IP12R	IP12R	236	± 15	0,43	174
NEER-28/17/12-250-IP12E	IP12E	250	± 15	0,40	184,5
NEER-28/17/12-250-IP12R	IP12R	250	± 15	0,40	184,5
NEER-28/17/12-300-IP12R	IP12R	300	± 15	0,30	221,4
NEER-28/17/12-351-IP12R	IP12R	351	± 15	0,25	259,1
NEER-28/17/12-430-IP12R	IP12R	430	± 15	0.20	317,1
NEER-28/17/12-472-IP12R	IP12R	472	± 15	0,18	348,5
NEER-28/17/12-640-IP12E	IP12E	640	± 25	0,10	472,0
NEER-28/17/12-640-IP12R	IP12R	640	± 25	0,10	472,0

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEER-28/17/12-2200-IP12E	IP12E	2200	± 25	- - -	1625
NEER-28/17/12-2200-IP12R	IP12R	2200	± 25	- - -	1625

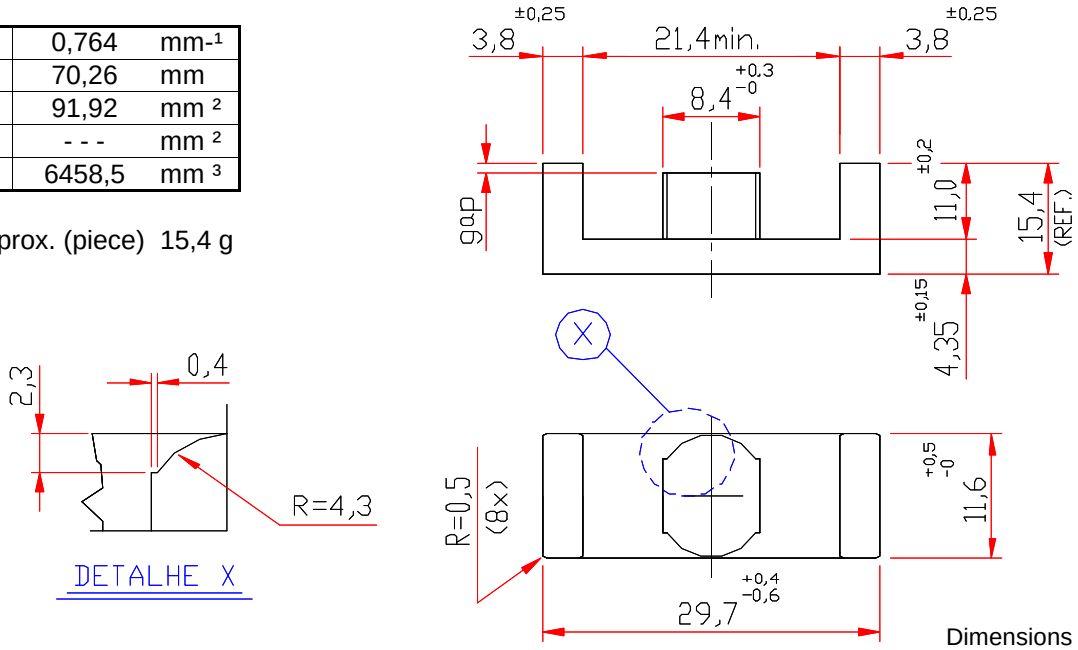
Others AL's by consulting

NER-29/15,4/12

Effective Core Parameters:

S I/A	0,764	mm-¹
Le	70,26	mm
Ae	91,92	mm ²
Amin	- - -	mm ²
Ve	6458,5	mm ³

Weight Approx. (piece) 15,4 g



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEER-29/15,4/12-215-IP12E	IP12E	215	± 10	0,60	130,7
NEER-29/15,4/12-215-IP12R	IP12R	215	± 10	0,60	130,7
NEER-29/15,4/12-370-IP12R	IP12R	370	± 10	0,30	224,8

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEER-29/15,4/12-2700-IP12R	IP12R	2200	± 25	- - -	1625

Others AL's by consulting

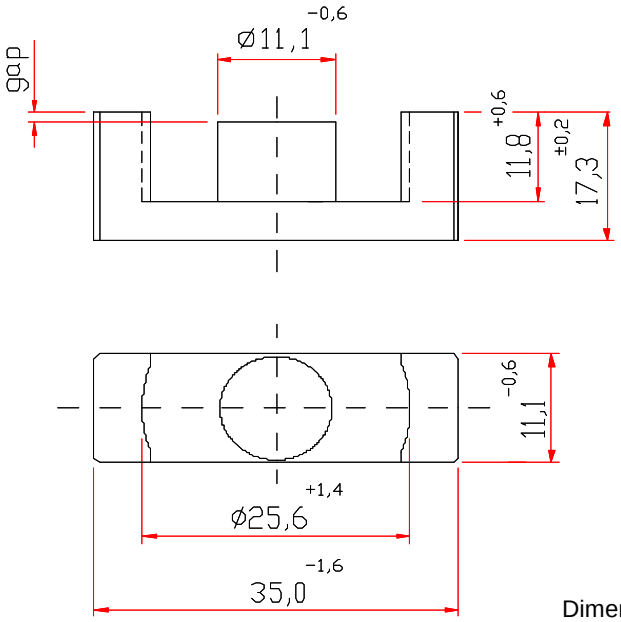
THORNTON
Thornton
Eletrônica Ltda

NER-34/17/11

Effective Core Parameters:

S I/A	0,81	mm-¹
Le	78,6	mm
Ae	97,1	mm ²
Amin	- - -	mm ²
Ve	7640,0	mm ³

Weight Approx. (piece) 19,7 g



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEER-34/17/11-96-IP12E	IP12E	96	± 10	1,85	61,9
NEER-34/17/11-175-IP12E	IP12E	175	± 10	0,88	112,7
NEER-34/17/11-440-IP12E	IP12E	440	± 15	0,23	283,5

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEER-34/17/11-2600-IP12E	IP12E	2600	± 25	- - -	1676
NEER-34/17/11-2600-IP12R	IP12R	2600	± 25	- - -	1676

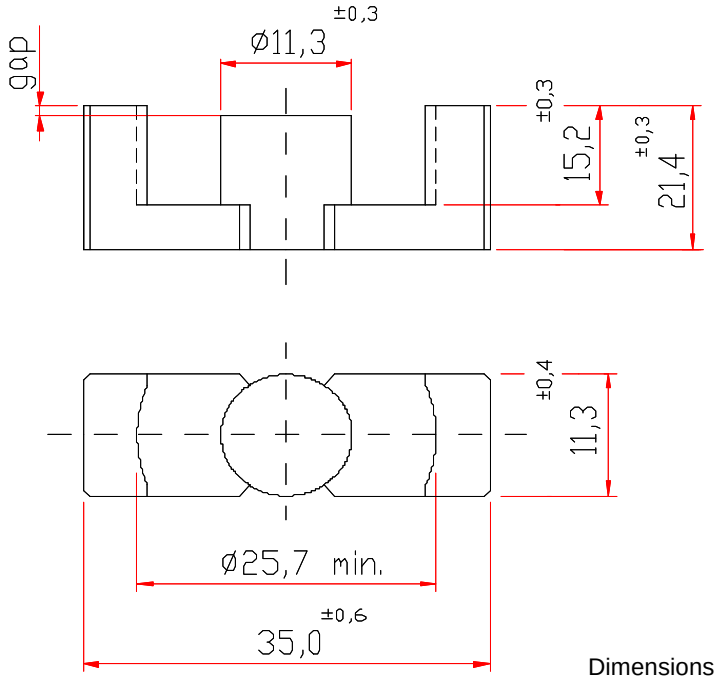
Others AL's by consulting

NER-35/21,6/11

Effective Core Parameters:

S I/A	0,851	mm-¹
Le	90,8	mm
Ae	107,0	mm ²
Amin	- - -	mm ²
Ve	9715,0	mm ³

Weight Approx. (piece) 24,8 g



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEER-35/21,6/11-160-IP12R	IP12R	160	± 9	1,05	108
NEER-35/21,6/11-180-IP12R	IP12R	180	± 7	0,90	122
NEER-35/21,6/11-236-IP12R	IP12R	236	± 10	0,80	160
NEER-35/21,6/11-280-IP12R	IP12R	280	± 10	0,45	190
NEER-35/21,6/11-500-IP12R	IP12R	500	± 15	0,20	339

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEER-35/21,6/11-2700-IP12R	IP12R	2700	± 25	- - -	1828

Others AL's by consulting

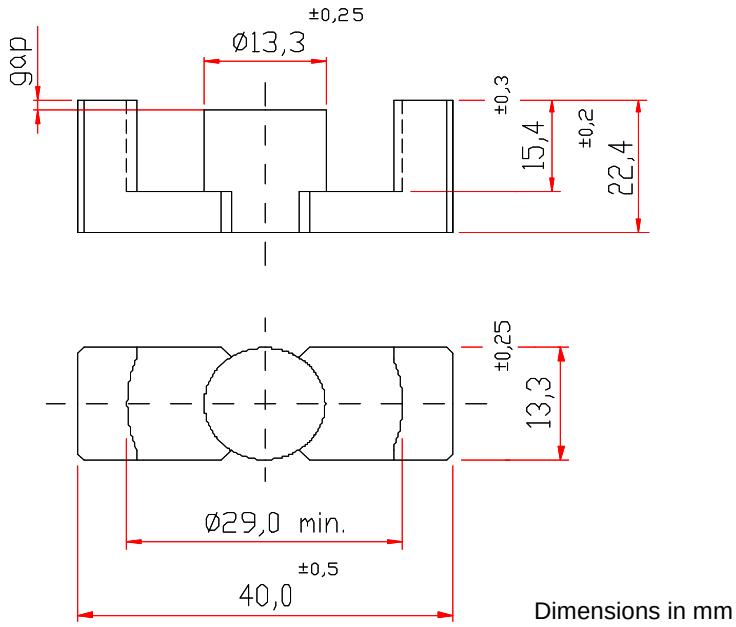
THORNTON
Thornton
Eletrônica Ltda

NER-40/22/13

Effective Core Parameters:

S I/A	0,659	mm-¹
Le	98,0	mm
Ae	149,0	mm ²
Amin	- - -	mm ²
Ve	14600,0	mm ³

Weight Approx. (piece) 39,0 g



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEER-40/22/13-100-IP12R	IP12R	100	±8	*1,5	52,5
NEER-40/22/13-167-IP12E	IP12E	167	±8	1,41	87,5
NEER-40/22/13-175-IP12R	IP12R	175	±8	1,30	91,7
NEER-40/22/13-240-IP12R	IP12R	240	±8	1,0	126
NEER-40/22/13-250-IP12R	IP12R	250	± 10	0,9	131
NEER-40/22/13-290-IP12R	IP12R	290	±10	0,8	152

* Simetrical gap

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEER-40/22/13-3200-IP12R	IP12R	3200	+30 / -20	- - -	1678
NEER-40/22/13-3200-IP6	IP6	3200	+30 / -20	- - -	1678

Others AL's by consulting

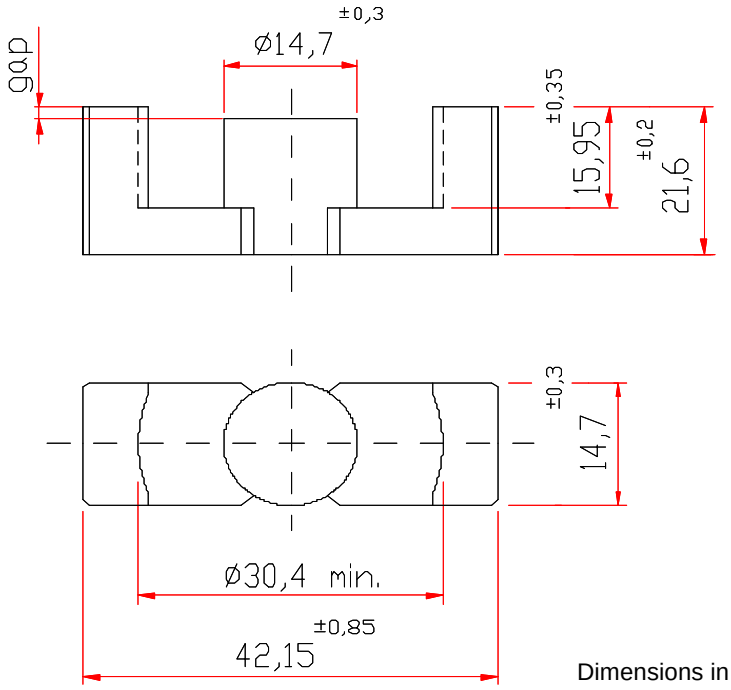
THORNTON
Thornton
Eletrônica Ltda

NER-42/22/15

Effective Core Parameters:

S I/A	0,58	mm-¹
Le	99,0	mm
Ae	170,0	mm ²
Amin	170,0	mm ²
Ve	16800,0	mm ³

Weight Approx. (piece) 42,2 g



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEER-42/22/15-170-IP12R	IP12R	170	± 10	1,55	78,44
NEER-42/22/15-190-IP12E	IP12E	190	± 10	1,42	87,66

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEER-42/22/15-3500-IP12R	IP12R	3500	+30 / -20	- - -	1615
NEER-42/22/15-3500-IP6	IP6	3500	+30 / -20	- - -	1615
NEER-42/22/15-3500-IP12E	IP12E	3500	+30 / -20	- - -	1615

Others AL's by consulting

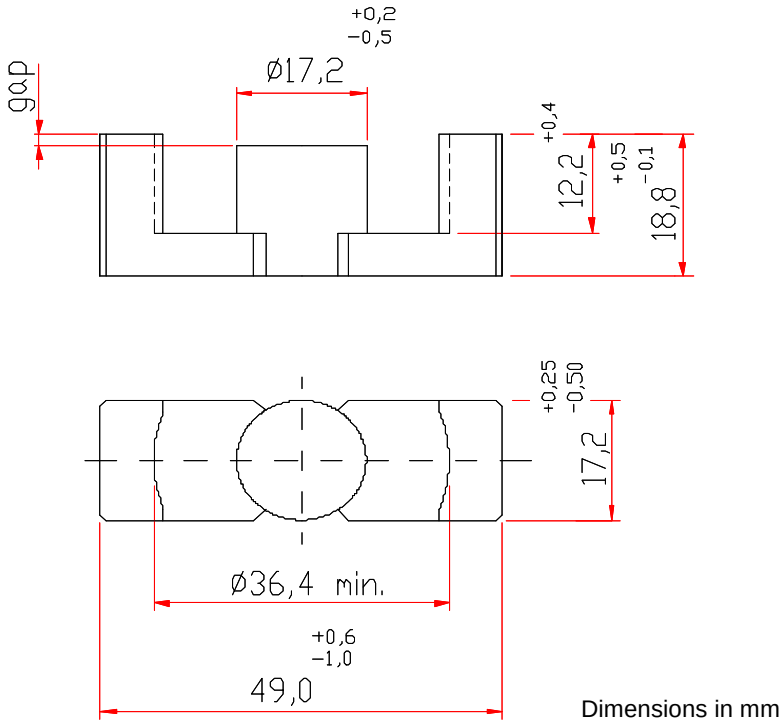
THORNTON
Thornton
Eletrônica Ltda

NER-49/19/17

Effective Core Parameters:

S I/A	0,43	mm-¹
Le	94,0	mm
Ae	220,0	mm ²
Amin	- - -	mm ²
Ve	20680,0	mm ³

Weight Approx. (piece) 52,8 g



Dimensions in mm

WITH GAP

Items with gap by consulting

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEER-49/19/17-5300-IP12E	IP12E	5300	± 25	- - -	1813
NEER-49/19/17-5300-IP6	IP6	5300	± 25	- - -	1813
NEER-49/19/17-5300-IP12R	IP12R	5300	± 25	- - -	1813

Others AL's by consulting

THORNTON

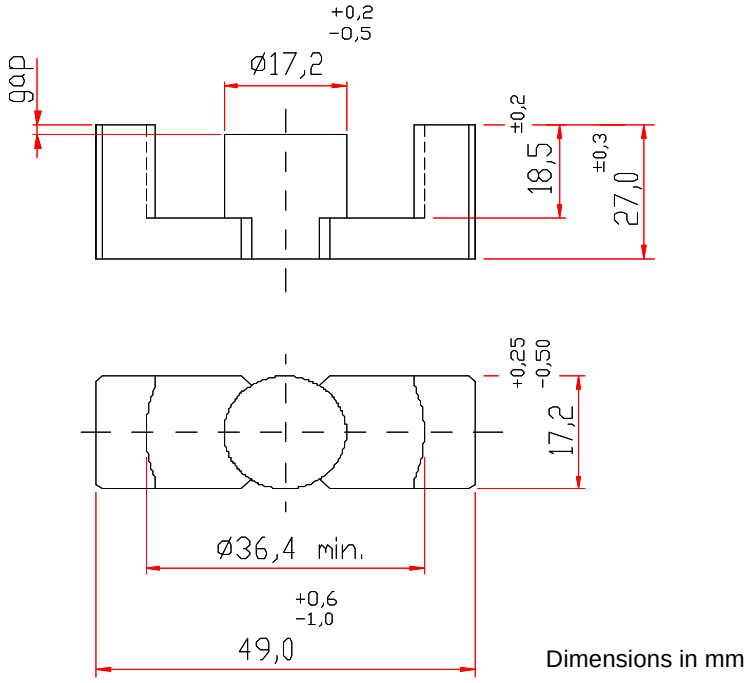
Thornton
Eletrônica Ltda

NER-49/27/17

Effective Core Parameters:

S I/A	0,479	mm-¹
Le	118,0	mm
Ae	246,0	mm ²
Amin	- - -	mm ²
Ve	29087,0	mm ³

Weight Approx. (piece) 73,0 g



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEER-49/27/17-300-IP12E	IP12E	300	± 10	1,23	115
NEER-49/27/17-300-IP12R	IP12R	300	± 10	1,23	115
NEER-49/27/17-390-IP12E	IP12E	390	± 7	0,85	149
NEER-49/27/17-390-IP12R	IP12R	390	± 7	0,85	149
NEER-49/27/17-390-IP6	IP6	390	± 7	0,85	149

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEER-49/27/17-4500SG-IP12R	IP12R	4500	± 25	- - -	1715
NEER-49/27/17-4500-IP12E	IP12E	4500	± 25	- - -	1715
NEER-49/27/17-4500-IP12R	IP12R	4500	± 25	- - -	1715
NEER-49/27/17-4500-IP6	IP6	4500	± 25	- - -	1715

Others AL's by consulting

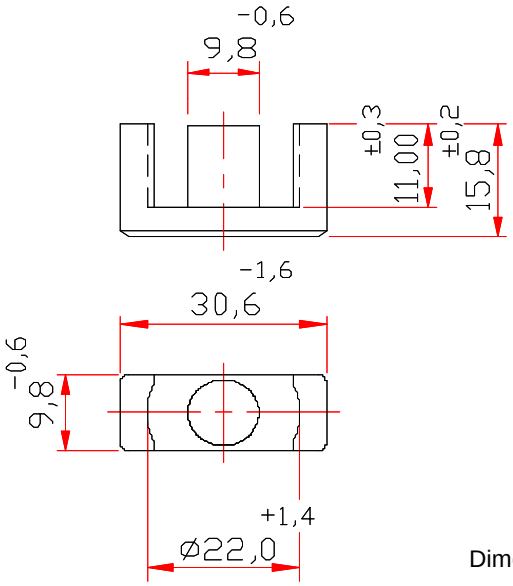
THORNTON
Thornton
Eletrônica Ltda

NETD-29/16/10

Effective Core Parameters:

S I/A	0,947	mm^{-1}
Le	72,0	mm
Ae	76,0	mm^2
Amin	---	mm^2
Ve	5470	mm^3

Weight Approx. (piece) 14,50 g



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NETD-29/16/10-95-IP12E	IP12E	95	± 10	1,5	71,5
NETD-29/16/10-100-IP12R	IP12R	100	± 8	1,4	75,3
NETD-29/16/10-320-IP12E	IP12E	320	± 10	0,3	241

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NETD-29/16/10-2100-IP6	IP6	2100	± 25	---	1580
NETD-29/16/10-2100-IP12E	IP12E	2100	± 25	---	1580
NETD-29/16/10-2100-IP12R	IP12R	2100	± 25	---	1580

Others AL's by consulting

THORNTON

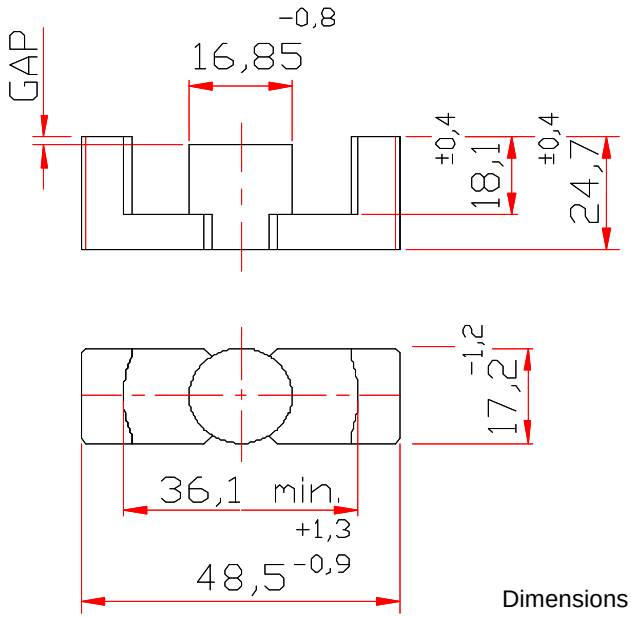
Thornton
Eletrônica Ltda

NETD-49/25/17

Effective Core Parameters:

S I/A	0,535	mm^{-1}
Le	114	mm
Ae	213,07	mm^2
Amin	---	mm^2
Ve	24290	mm^3

Weight Approx. (piece) 65,0 g



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NETD-49/25/17-232-IP12E	IP12E	232	± 10	1,4	98,7
NETD-49/25/17-232-IP12R	IP12R	232	± 10	1,4	98,7
NETD-49/25/17-266-IP12E	IP12E	266	± 5	1,25	113
NETD-49/25/17-266-IP12R	IP12R	266	± 5	1,25	113
NETD-49/25/17-458-IP12E	IP12E	458	± 10	0,6	194

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NETD-49/25/17-4000-IP12E	IP12E	4000	± 25	---	1702
NETD-49/25/17-4000-IP12R	IP12R	4000	± 25	---	1702

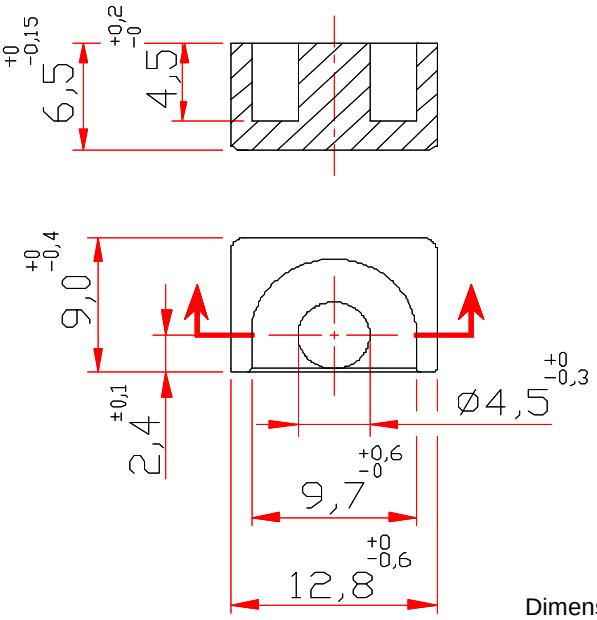
Others AL's by consulting

NEEP-13/9/6,5

Effective Core Parameters:

S I/A	1,24	mm-¹
Le	24,2	mm
Ae	19,5	mm ²
Amin	14,9	mm ²
Ve	472	mm ³

Weight Approx. (piece) 2,25 g



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEEP-13/9/6,5-70-IP12E	IP12E	70	±10	0,30	69

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NEEP-13/9/6,5-1600-IP12E	IP12E	1600	+ 30 / -20	---	1578,4
NEEP-13/9/6,5-4400-TH50	TH50	4400	+ 30 / -20	---	4340,5

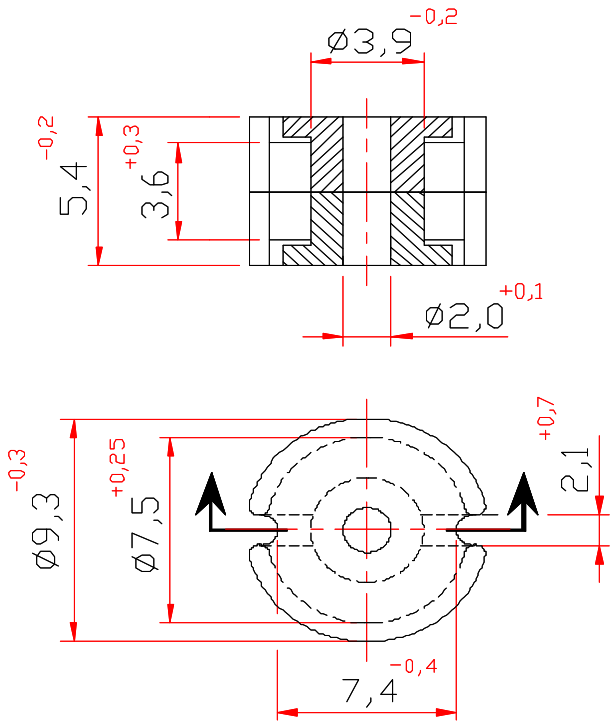
Others AL's by consulting

NP-9/5

Effective Core Parameters:

S I/A	1,25	mm-¹
Le	12,5	mm
Ae	10,0	mm ²
Amin	- - -	mm ²
Ve	125,0	mm ³

Weight Approx. (piece) 0,4 g



Dimensions in mm

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NP-9/5-800-IP6	IP6	800	+30 / -20	---	800

Others AL's by consulting

THORNTON
Thornton
Eletrônica Ltda

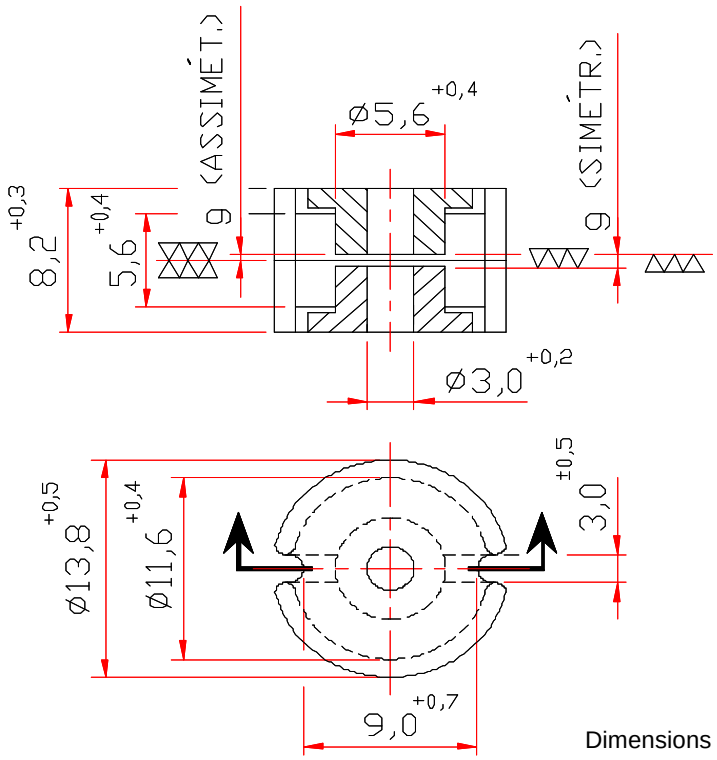
NP-14/8

Effective Core Parameters:

S I/A	0,80	mm-¹
Le	20,0	mm
Ae	25,0	mm ²
Amin	- - -	mm ²
Ve	500	mm ³

Weight Approx. (piece) 1,7 g

ACCESSORIES NP-14
click here



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NP-14/8-60-IP6	IP6	60	± 3	*0,60	38
NP-14/8-100-IP6	IP6	100	± 3	0,30	64
NP-14/8-160-IP6	IP6	160	± 3	0,17	100
NP-14/8-200-IP6	IP6	200	± 3	0,13	127
NP-14/8-250-IP6	IP6	250	± 3	0,10	159
NP-14/8-250-IP12E	IP12E	250	± 3	0,10	159
NP-14/8-315-IP6	IP6	315	± 3	0,08	200
NP-14/8-350-IP6	IP6	350	± 3	0,06	223
NP-14/8-380-IP6	IP6	380	± 3	0,055	242
NP-14/8-400-IP6	IP6	400	± 3	0,05	254
NP-14/8-500-IP6	IP6	500	± 3	0,03	318
NP-14/8-660-IP6	IP6	660	± 5	0,02	420
NP-14/8-1000-IP6	IP6	1000	± 10	0,02	636

*Simetrical gap

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NP-14/8-2000-IP6	IP6	2000	+30 / -20	---	1273
NP-14/8-4200-TH50	TH50	4200	+30 / -20	---	2673

Others AL's by consulting

ACCESSORIES - NP-14/8

NP-14
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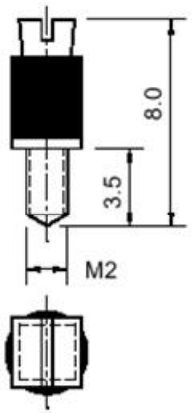
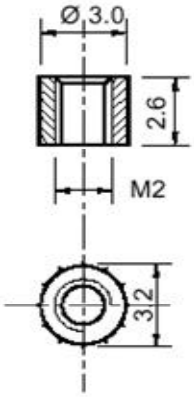
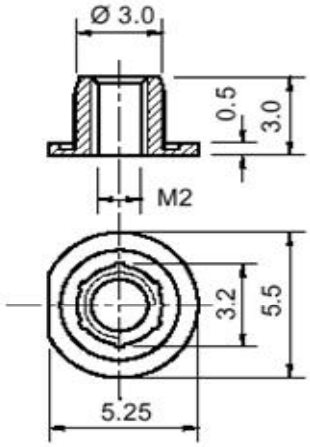


ADJUSTING SCREW		
DESCRIPTION ORDER	**MATERIAL**	**WEIGHT ~ [g]**
PA - 3 / 2,5 - IP 6	Polyacetal	0,080

Dimensions em mm

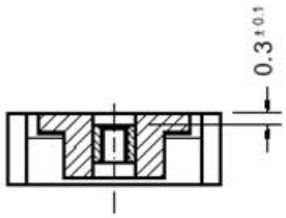


Without Flange



With Flange

NUT		
DESCRIPTION ORDER	**MATERIAL**	**WEIGHT ~ [g]**
a) PO - 3/3 - S/F - POM	Polyacetal	0,014
b) PO - 3/3 - C/F - POM	Polyacetal	0,029



Dimensions em mm

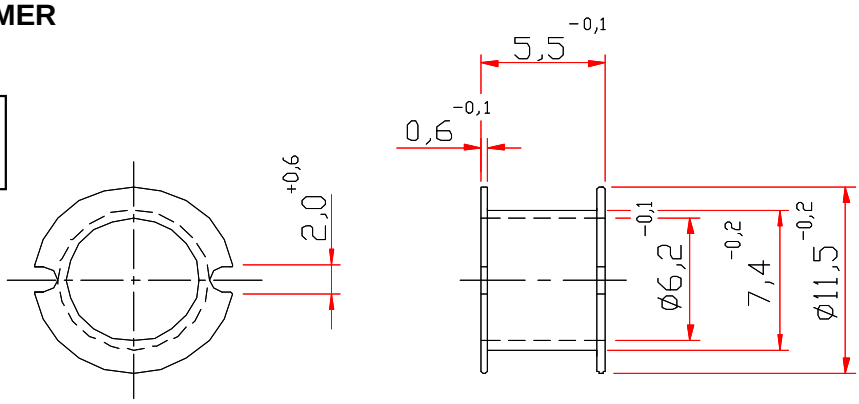
THORNTON
Thornton
Eletrônica Ltda

ACCESSORIES - NP-14/8

COIL FORMER

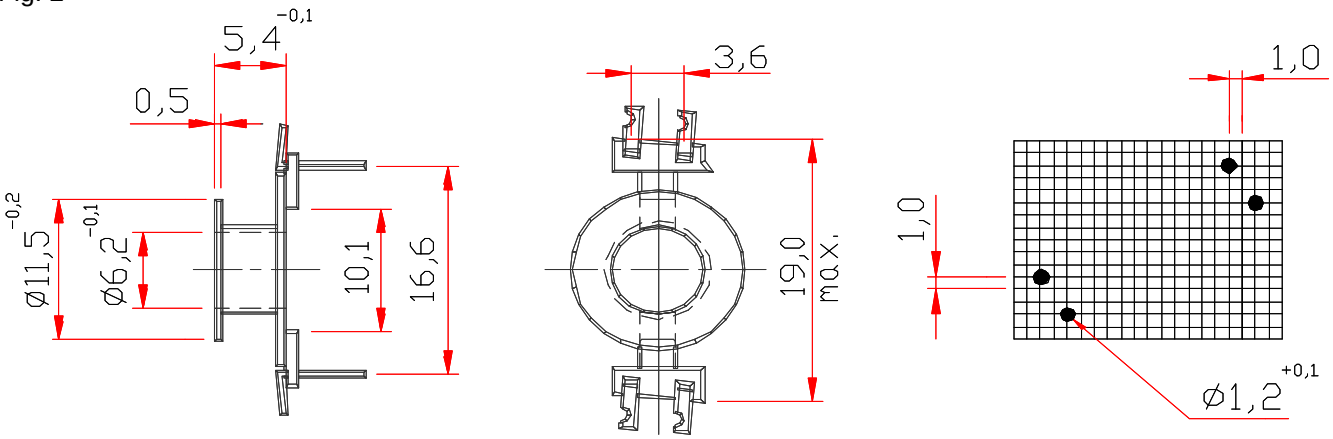
Fig. 1

NP-14
click here



Dimensions in mm

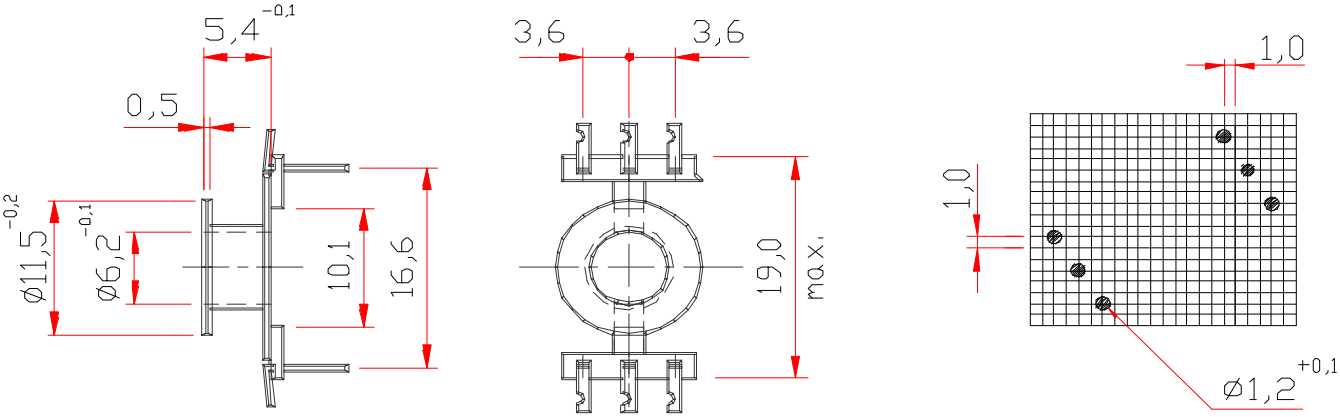
Fig. 2



Dimensions in mm

Maximum temperature for soldering: 400°C for 2 seconds

Fig. 3



Dimensions in mm

Maximum temperature for soldering: 400°C for 2 seconds

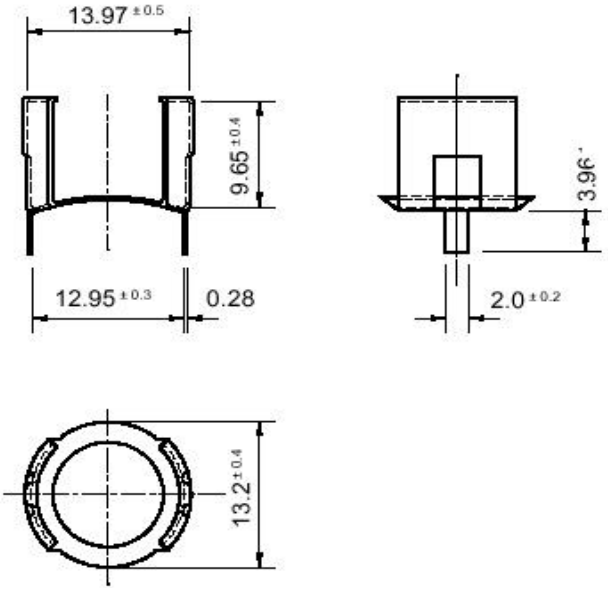
FIG.	DESCRIPTION ORDER	Nº OF SECTIONS	WINDOW [mm²]	MEAN LENGTH [mm/turn]	WEIGHT ~ g [mm]	MATERIAL
1	C-NP-14/8-1/0-POM	1	8,40	28,00	0,15	Polyacetal
2	C-NP-14/8-1/4-PAFV	1 / 4T	8,40	28,00	0,27	Polyamid FV
3	C-NP-14/8-1/6-PAFV	1 / 6T	8,40	28,00	0,35	Polyamid FV

ACCESSORIES - NP-14/8

CLAMP

NP-14
click here

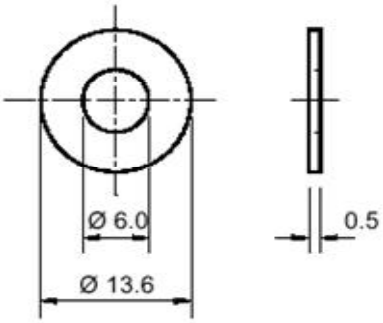
Fig 1



Dimensions in mm

WEDGE

Fig 2



Dimensions in mm

FIG.	DESCRIPTION ORDER	MATERIAL	WEIGHT ~ [g]
1	A - NP - 14/8 - N	Spring Steel - NP	0,60
1	A - NP - 14/8 - E	Spring Steel - TP	0,60
2	A - NP - 14/8 - F - 0,5	Fenolyte	- - -

THORNTON
Thornton
Eletrônica Ltda

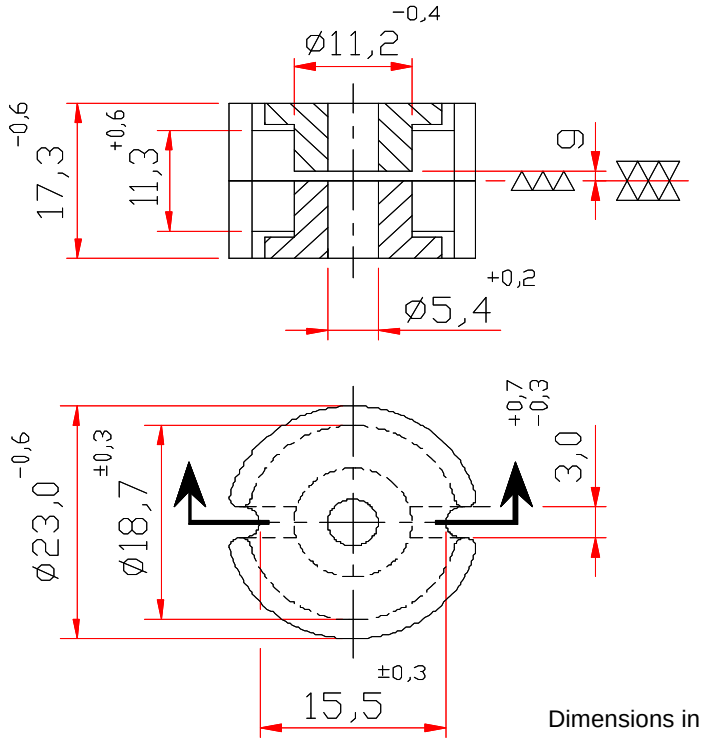
NP-23/17

Effective Core Parameters:

S I/A	0,4	mm-¹
Le	36,5	mm
Ae	91,0	mm ²
Amin	- - -	mm ²
Ve	3320,0	mm ³

Weight Approx. (piece) 10,5 g

ACCESSORIES NP-23
click here



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NP-23/17-94-IP6	IP6	94	± 3	1,65	29,9
NP-23/17-100-IP6	IP6	100	± 3	1,44	32
NP-23/17-160-IP6	IP6	160	± 3	0,78	51
NP-23/17-200-IP6	IP6	200	± 3	0,59	64
NP-23/17-250-IP6	IP6	250	± 3	0,41	80
NP-23/17-400-IP6	IP6	400	± 3	0,24	127
NP-23/17-630-IP6	IP6	630	± 5	0,14	200
NP-23/17-800-IP6	IP6	800	± 5	0,10	255
NP-23/17-1000-IP6	IP6	1000	± 10	0,08	318
NP-23/17-1257-IP6	IP6	1257	± 10	0,05	400

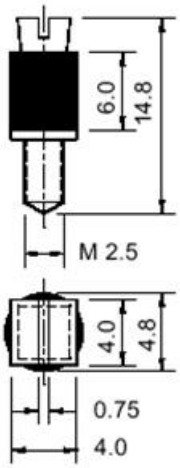
WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NP-23/17-4900-IP6	IP6	4900	+30 / -20	---	1560
NP-23/17-7000-IP6	IP6	7000	+30 / -20	---	2228

Others AL's by consulting

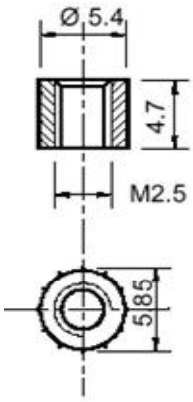
ACCESSORIES - NP-23/17

NP-23
click here

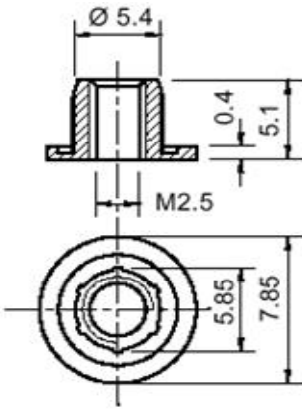


ADJUSTING SCREW		
DESCRIPTION ORDER	**MATERIAL**	**WEIGHT ~ [g]**
PA - 5 / 6 - IP6	Polyacetal	0,500

Dimensions em mm

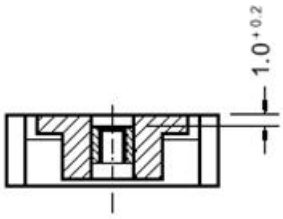


Without Flange



With Flange

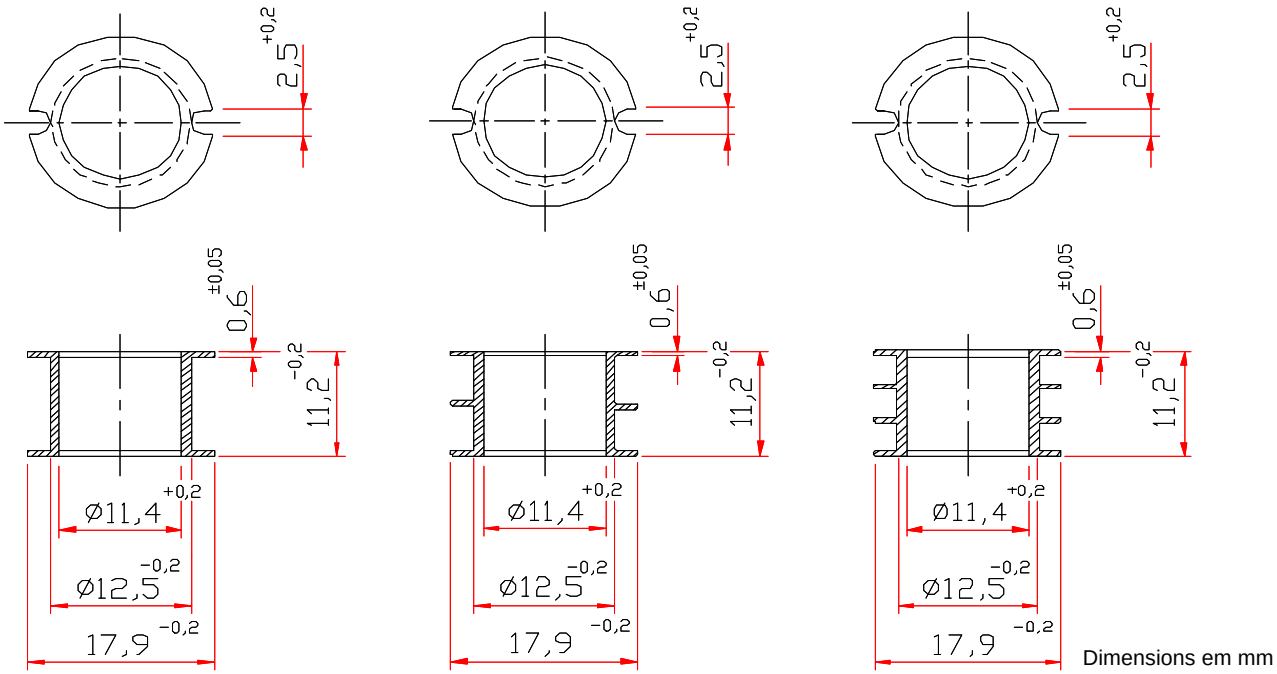
NUT		
DESCRIPTION ORDER	**MATERIAL**	**WEIGHT ~ [g]**
a) PO - 5/5 - S/F - PAFV	Polyamid FV	0,100
b) PO - 5/5 - C/F - PAFV	Polyamid FV	0,200
a) PO - 5/5 - S/F - POM	Polyacetal	0,100
b) PO - 5/5 - C/F - POM	Polyacetal	0,200



ACCESSORIES - NP-23/17

COIL FORMER

NP-23
click here



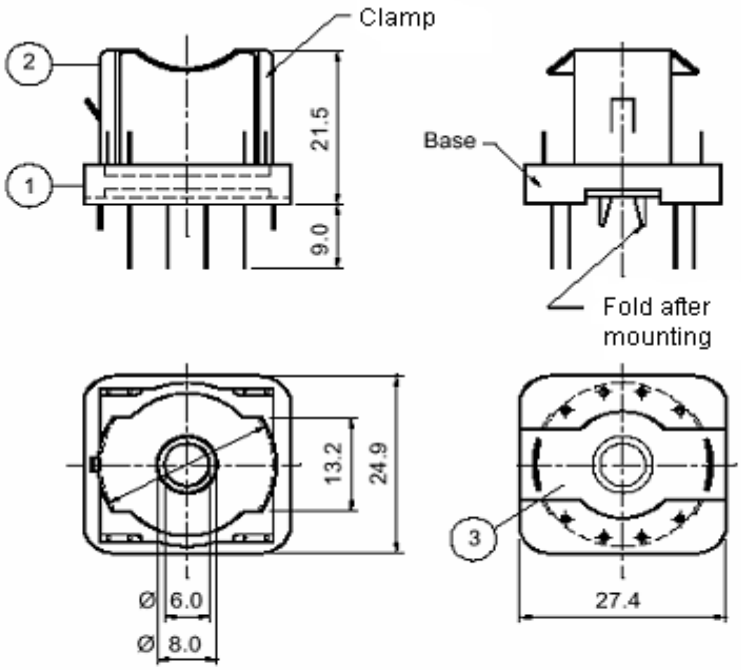
Dimensions em mm

DESCRIPTION ORDER	NUMBER OF SECTIONS	WINDOW SECTION 1	[mm²] TOTAL	MEAN LENGTH [mm/turn]	WEIGHT ~ g [mm]	MATERIAL
C-NP-23/17-1/0-POM	1	21,00	21,00	46,00	0,40	Polyacetal
C-NP-23/17-2/0-POM	2	10,00	20,00	46,00	0,50	Polyacetal
C-NP-23/17-3/0-POM	3	6,30	18,90	46,00	0,70	Polyacetal

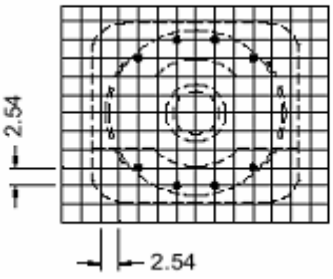
ACCESSORIES - NP-23/17

CLAMP

NP-23
click here



Maximum temperature for
soldering: 400°C for 2 seconds



Dimensions in mm

FIG.	DESCRIPTION ORDER	MATERIAL	WEIGHT ~ [g]
1	BP - NP - 23/17 - POM	Polyacetal	- - -
2	AP - NP - 23/17 - L	NP Brass	- - -
3	CHP - NP - 23/17 - L	NP Brass	- - -
set	BAP - NP - 23/17 - PL	- - -	6,50

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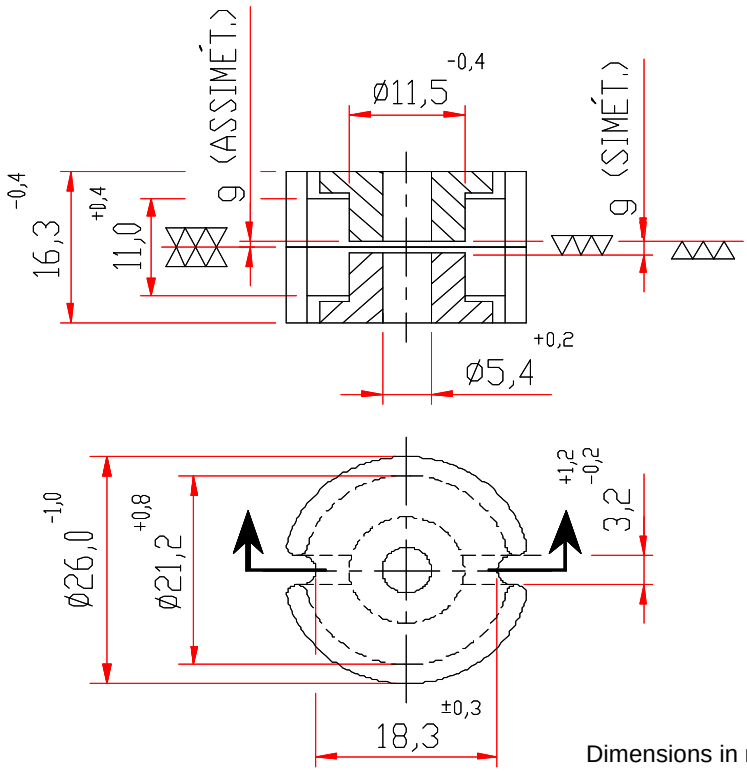
NP- 26/16

Effective Core Parameters:

S I/A	0,40	mm-¹
Le	37,5	mm
Ae	94,0	mm ²
Amin	- - -	mm ²
Ve	3520,0	mm ³

Weight Approx. (piece) 11,5 g

ACCESSORIES NP-26
click here



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NP-26/16-63-IP6	IP6	63	± 3	*2,80	20
NP-26/16-100-IP6	IP6	100	± 3	*1,20	32
NP-26/16-125-IP6	IP6	125	± 3	1,10	40
NP-26/16-148-IP6	IP6	148	± 3	0,90	47
NP-26/16-160-IP6	IP6	160	± 3	0,83	51
NP-26/16-200-IP6	IP6	200	± 3	0,58	64
NP-26/16-200-IP12R	IP12R	200	± 3	0,58	64
NP-26/16-250-IP6	IP6	250	± 3	0,45	80
NP-26/16-300-IP6	IP6	300	± 3	0,35	95
NP-26/16-400-IP6	IP6	400	± 3	0,25	127
NP-26/16-600-IP6	IP6	600	± 3	0,20	190
NP-26/16-630-IP6	IP6	630	± 3	0,15	200
NP-26/16-630-IP12R	IP12R	630	± 3	0,15	200
NP-26/16-630-IP612	I6P12	630	± 3	0,15	200
NP-26/16-800-IP6	IP6	800	± 3	0,11	255
NP-26/16-1000-IP6	IP6	1000	± 10	0,09	318

* Simetrical gap

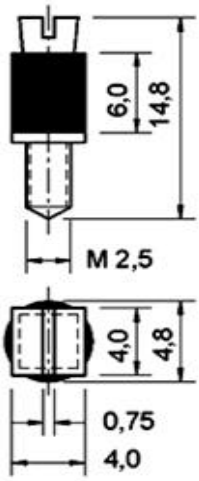
WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NP-26/16-4900-IP6	IP6	4900	+30 / -20	---	1560
NP-26/16-7500-IP6	IP6	7500	+30 / -20	---	2387
NP-26/16-10000-TH50	TH50	10000	+30 / -20	---	3183

Others AL's by consulting

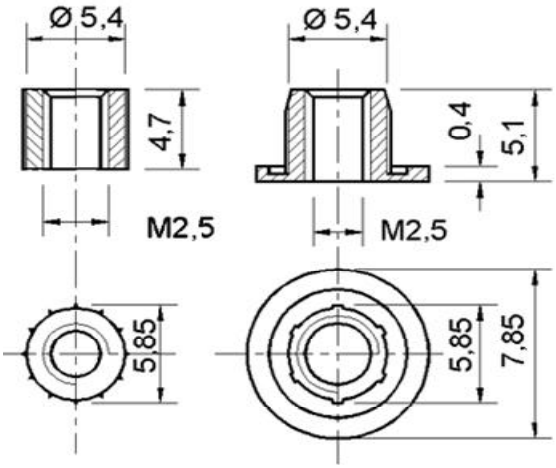
ACCESSORIES - NP-26/16

NP-26
click here



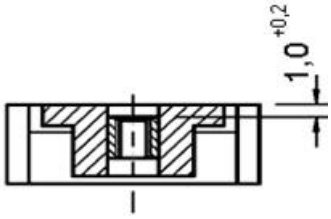
ADJUSTING SCREW		
DESCRIPTION ORDER	**MATERIAL**	**WEIGHT ~ [g]**
PA - 5 / 6-IP6	Polyacetal	0,500

Dimensions em mm



Without Flange With Flange

NUT		
DESCRIPTION ORDER	**MATERIAL**	**WEIGHT ~ [g]**
a) PO - 5/5 - S/F - PAFV	Polyamid FV	0,100
b) PO - 5/5 - C/F - PAFV	Polyamid FV	0,200
a) PO - 5/5 - S/F - POM	Polyacetal	0,100
b) PO - 5/5 - C/F - POM	Polyacetal	0,200



Dimensions em mm

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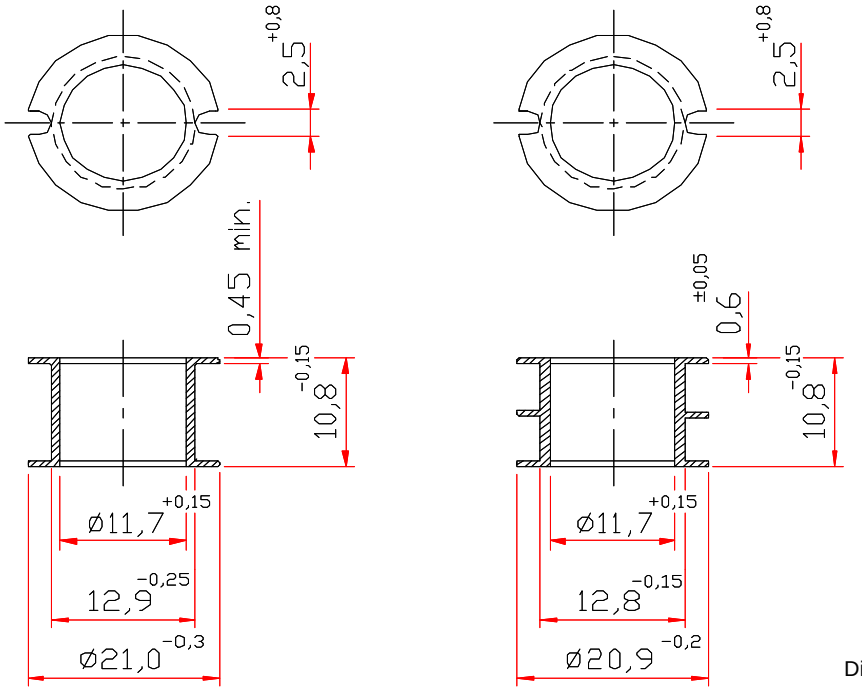
ACCESSORIES - NP-26/16

COIL FORMER

NP-26
click here



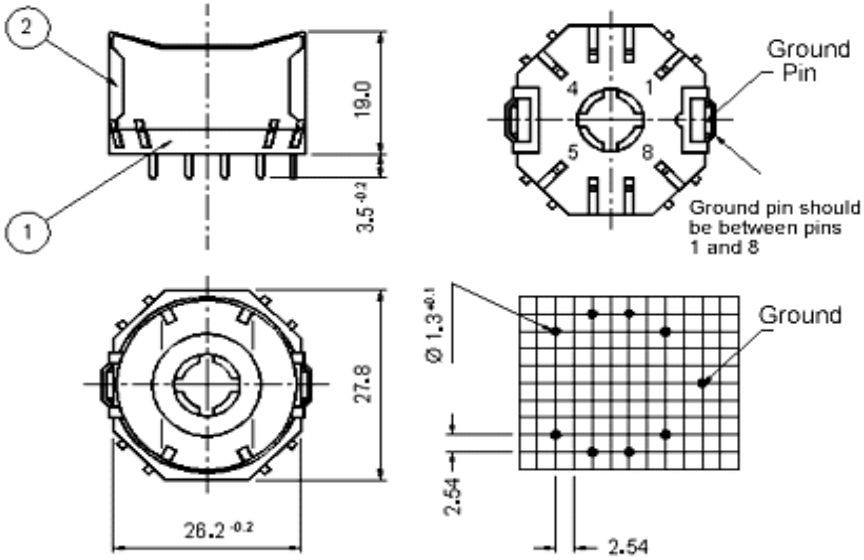
Dimensions em mm

DESCRIPTION ORDER	NUMBER OF SECTIONS	WINDOW SECTION 1	[mm²] TOTAL	MEAN LENGTH [mm/turn]	WEIGHT ~ g [mm]	MATERIAL
C-NP-26/16-1/0-POM	1	32,0	32,00	52,00	0,57	Polyacetal
C-NP-26/16-2/0-POM	2	15,0	30,00	52,00	0,80	Polyacetal

ACCESSORIES - NP-26/16

CLAMP

NP-26
click here



Maximum temperature for imersion soldering: 400 º C for 2 seconds

Dimensions in mm

FIG.	DESCRIPTION ORDER	MATERIAL	WEIGHT ~ [g]
1	BP - NP - 26/16 - PBT FV	Base Polyester FV - Terminal - TP Brass	- - -
2	AP - NP - 26/16 - L	NP Brass	- - -
set	BAP - NP - 26/16 - PL	- - -	7,00

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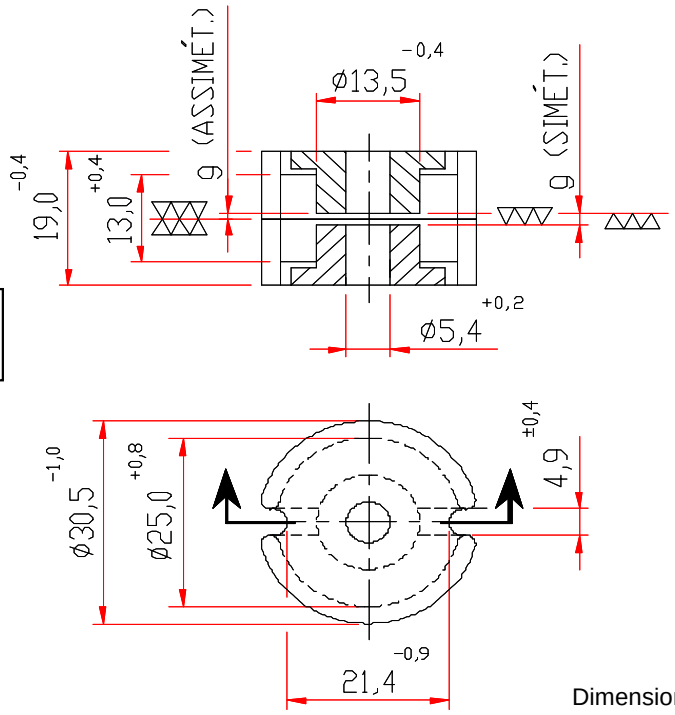
NP-30/19

Effective Core Parameters:

S I/A	0,33	mm-¹
Le	45,0	mm
Ae	136,0	mm ²
Amin	- - -	mm ²
Ve	6120,0	mm ³

Weight Approx. (piece) 19,0 g

ACCESSORIES NP-30/19
click here



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NP-30/19-100-IP6	IP6	100	± 3	2,20*	26
NP-30/19-125-IP6	IP6	125	± 3	1,75*	33
NP-30/19-160-IP6	IP6	160	± 3	1,30	42
NP-30/19-250-IP6	IP6	250	± 3	0,72	66
NP-30/19-377-IP6	IP6	377	± 3	0,45	99
NP-30/19-400-IP6	IP6	400	± 3	0,41	105
NP-30/19-400-IP12R	IP12R	400	± 3	0,41	105
NP-30/19-630-IP6	IP6	630	± 3	0,24	165
NP-30/19-900-IP6	IP6	900	± 3	0,15	236
NP-30/19-1000-IP6	IP6	1000	± 3	0,12	263
NP-30/19-1250-IP6	IP6	1250	± 5	0,10	328
NP-30/19-2000-IP6	IP6	2000	± 10	0,05	525

* Simetrical gap

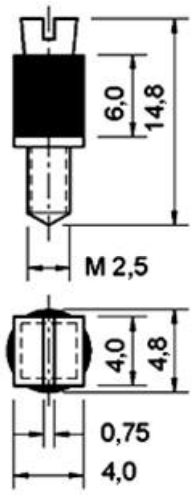
WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NP-30/19-6200-IP6	IP6	6200	+30 / -20	---	1628
NP-30/19-6200-IP12R	IP12R	6200	+30 / -20	---	1628
NP-30/19-10000-TH50	TH50	10000	+30 / -20	---	2625

Others AL's by consulting

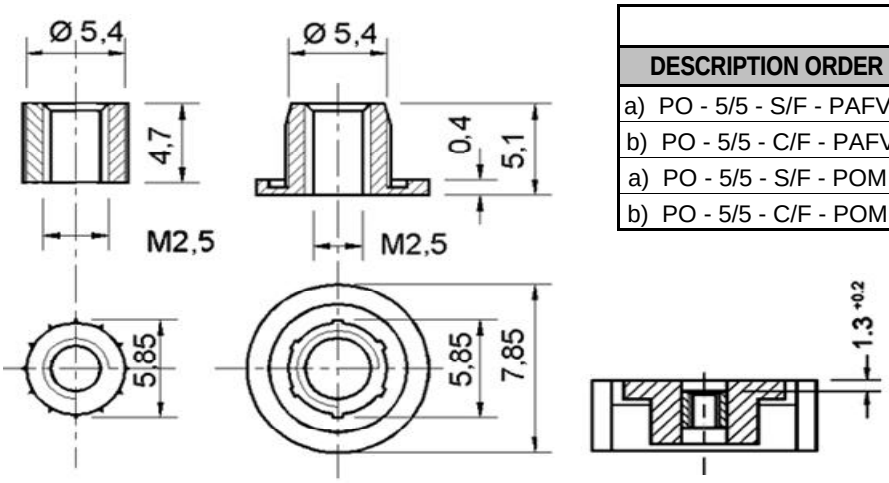
ACCESSORIES - NP-30/19

NP-30/19
click here



ADJUSTING SCREW		
DESCRIPTION ORDER	**MATERIAL**	**WEIGHT ~ [g]**
PA - 5 / 6-IP6	Polyacetal	0,500

Dimensions em mm



NUT		
DESCRIPTION ORDER	**MATERIAL**	**WEIGHT ~ [g]**
a) PO - 5/5 - S/F - PAFV	Polyamid FV	0,100
b) PO - 5/5 - C/F - PAFV	Polyamid FV	0,200
a) PO - 5/5 - S/F - POM	Polyacetal	0,100
b) PO - 5/5 - C/F - POM	Polyacetal	0,200

Dimensions em mm

THORNTON

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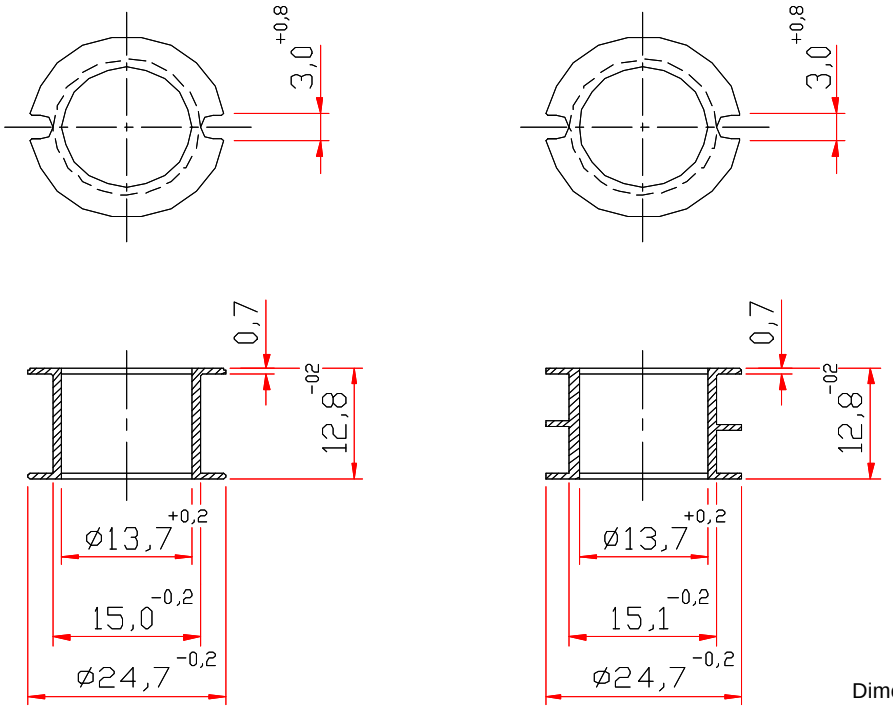
Eletrônica Ltda

ACCESSORIES - NP-30/19

COIL FORMER

NP-30/19
click here



Dimensions em mm

DESCRIPTION ORDER	NUMBER OF SECTIONS	WINDOW SECTION 1	[mm²] TOTAL	MEAN LENGTH [mm/turn]	WEIGHT ~ g [mm]	MATERIAL
C-NP-30/19-1/0-POM	1	48,00	48,00	60,00	1,00	Polyacetal
C-NP-30/19-2/0-POM	2	22,50	45,00	60,00	1,20	Polyacetal

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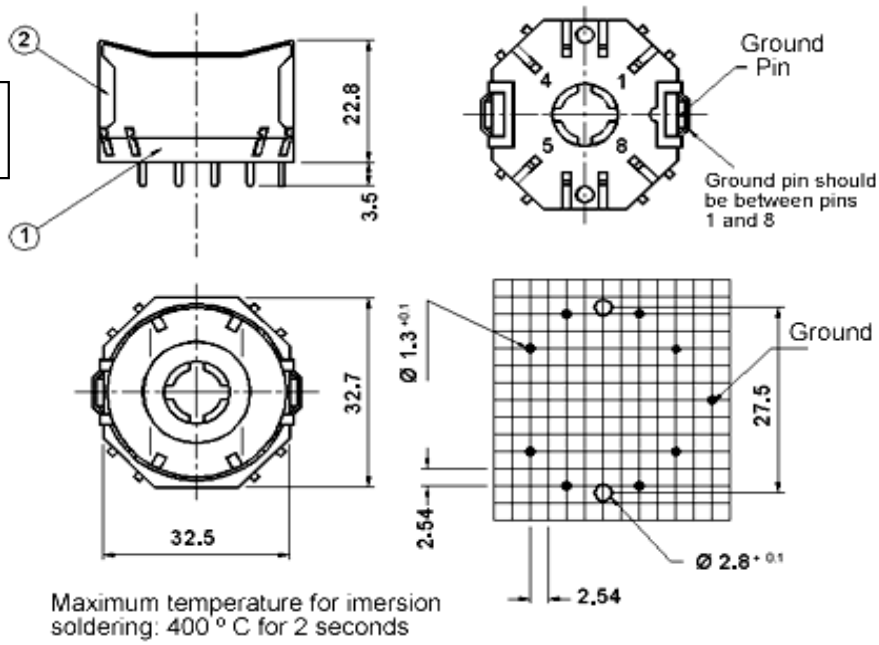
ACCESSORIES - NP-30/19

CLAMP

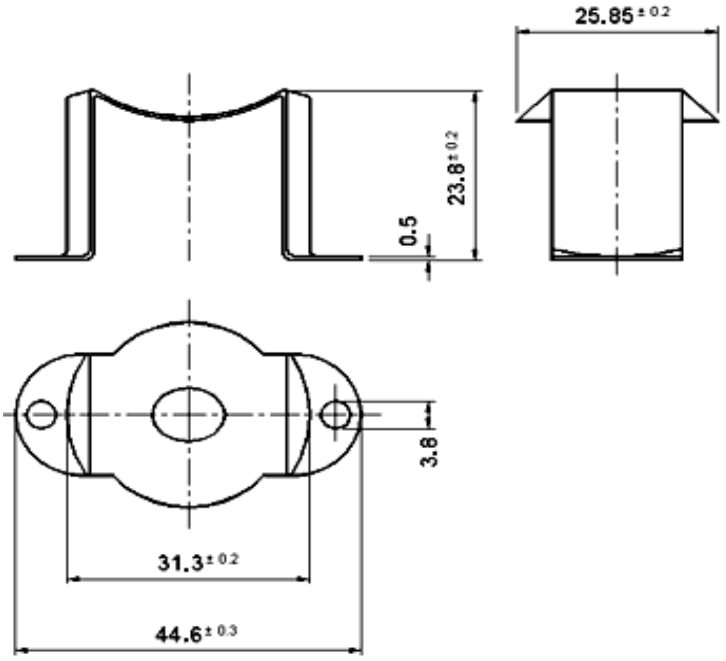
NP-30/19
click here



Dimensions in mm

FIG.	DESCRIPTION ORDER	MATERIAL	WEIGHT ~ [g]
1	BP - NP - 30/19 - PBT FV	Base - Polyester FV Terminal - TP Brass	- - -
2	AP - NP - 30/19 - L	Clamp - NP Brass	
set	BAP - NP - 30/19 - PL	- - -	9,00

CLAMP



Dimensions in mm

FIG.	DESCRIPTION ORDER	MATERIAL	WEIGHT ~ [g]
- - -	AFM - NP - 30/19 - L	NP Brass	6,40

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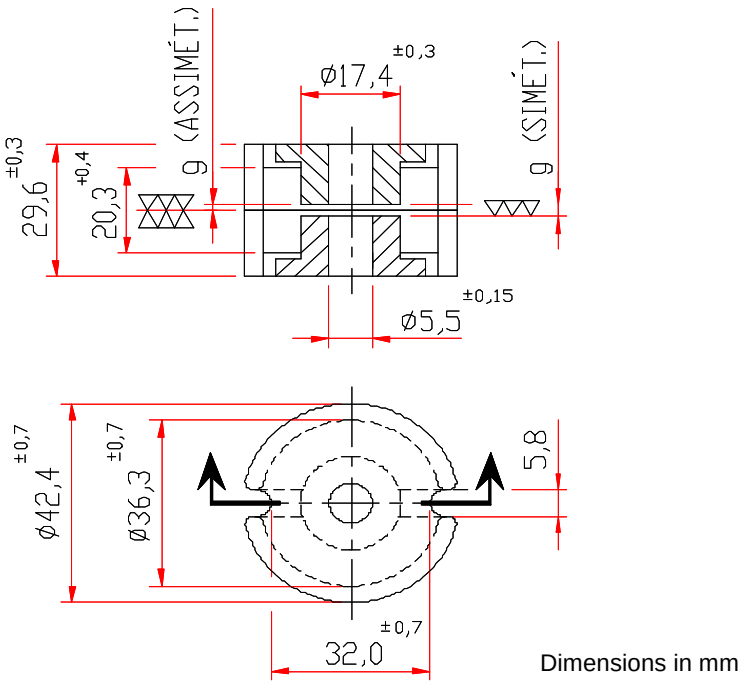
NP-42/29

Effective Core Parameters:

S I/A	0,26	mm-¹
Le	68,6	mm
Ae	265,0	mm ²
Amin	- - -	mm ²
Ve	18200,0	mm ³

Weight Approx. (piece) 56,8 g

ACCESSORIES NP-42/29
click here



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NP-42/29-50-IP6	IP6	50	± 3	9,70*	10,3
NP-42/29-100-IP6	IP6	100	± 3	4,60*	21
NP-42/29-115-IP6	IP6	115	± 3	4,00*	24
NP-42/29-145-IP6	IP6	145	± 3	2,90	30
NP-42/29-250-IP6	IP6	250	± 3	1,43	52
NP-42/29-320-IP6	IP6	320	± 3	1,10	66
NP-42/29-400-IP6	IP6	400	± 3	0,75	83
NP-42/29-400-IP12R	IP12R	400	± 3	0,75	83
NP-42/29-630-IP6	IP6	630	± 3	0,43	130
NP-42/29-1250-IP6	IP6	1250	± 3	0,19	259
NP-42/29-2000-IP6	IP6	2000	± 5	0,12	414

* Simetrical gap

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NP-42/29-7000-IP6	IP6	7000	+30 / -20	- - -	1448
NP-42/29-7000-IP12R	IP12R	7000	+30 / -20	- - -	1448

Others AL's by consulting

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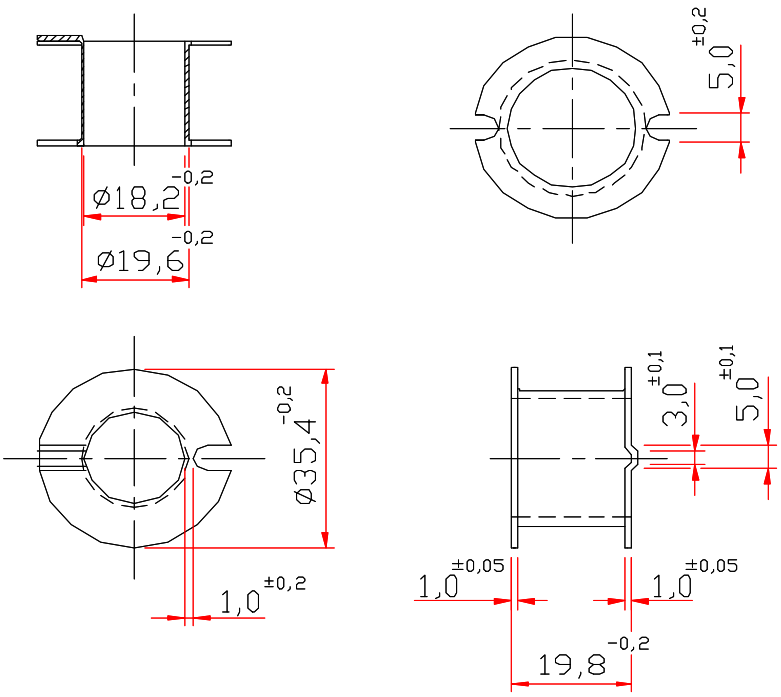
ACCESSORIES - NP-42/29

COIL FORMER

NP-42/29
click here



Dimensions in mm

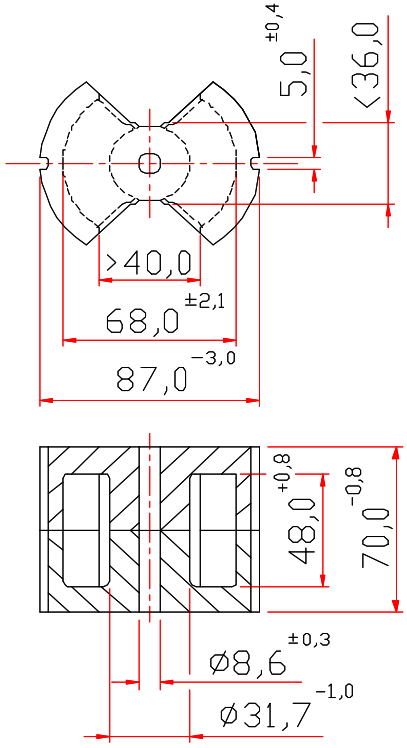
DESCRIPTION ORDER	WINDOW SECTION 1	NUMBER OF SECTION	[mm²] TOTAL	MEAN LENGTH [mm/turn]	WEIGHT ~ g [mm]	MATERIAL
C-NP-42/29-1/0-PAFV	140,00	1	140,00	86,00	2,85	Polyamid FV

PM-87

Effective Core Parameters:

S I/A	0,17	mm^{-1}
Le	153,0	mm
Ae	915,0	mm^2
Amin	- - -	mm^2
Ve	140000,0	mm^3

Weight Approx. (piece) 817,00 g



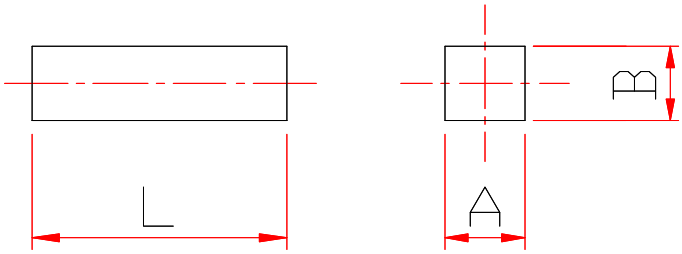
Dimensions in mm

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
PM-87/70-10000-IP12R	IP12R	10000	± 25	---	1353
PM-87/70-10000-IP6	IP6	10000	± 25	---	1353

Others AL's by consulting

NQ



Dimensions in mm

DESCRIPTION ORDER	MATERIAL	A	Tol.	B	Tol.	L	Tol.	WEIGHT ~g
NQ-3/3/15-IP6	IP6	3	-0,30	3,0	-0,30	15	± 0,50	0,54
NQ-6,3/5,1/15-IP6	IP6	6,3	± 0,25	5,1	± 0,20	15	± 0,50	2,10
NQ-6,3/5,1/19,8-IP6	IP6	6,3	± 0,25	5,1	± 0,20	19,8	± 0,50	2,90
NQ-25/25/25-IP6	IP6	25	± 1,00	25	± 1,00	25	± 1,00	72,00
NQ-50/25/25-IP6	IP6	25	± 1,00	25	± 1,00	50	± 1,00	151,50
NQ-50/25/25-IP12R	IP12R	25	± 1,00	25	± 1,00	50	± 1,00	151,50

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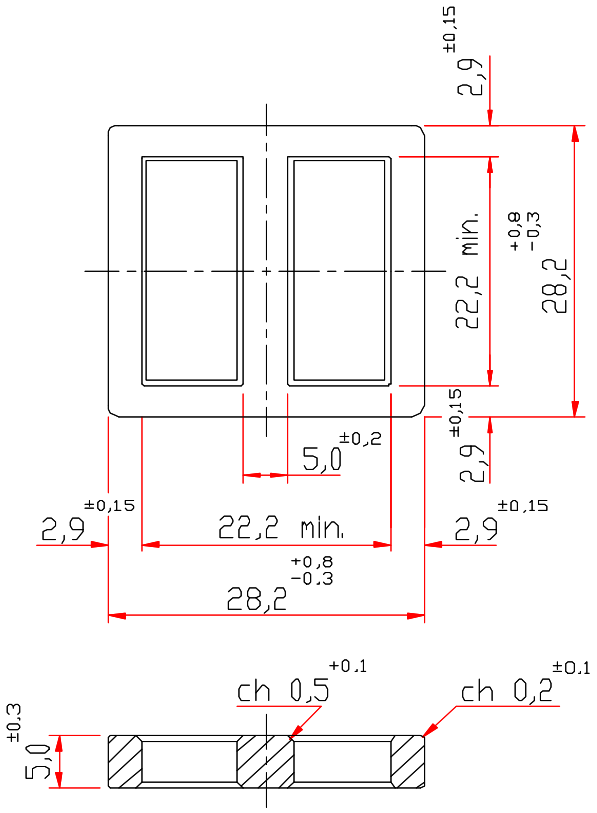
NQE-28/28/5

Effective Core Parameters:

S I/A	2,50	mm-¹
Le	34,4	mm
Ae	13,8	mm ²
Amin	- - -	mm ²
Ve	474,0	mm ³

Weight Approx. (piece) 10,0 g



Dimensions in mm

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NQE-28/28/5-TH50	TH50	2100	+50 / -20	- - -	4177

Others AL's by consulting

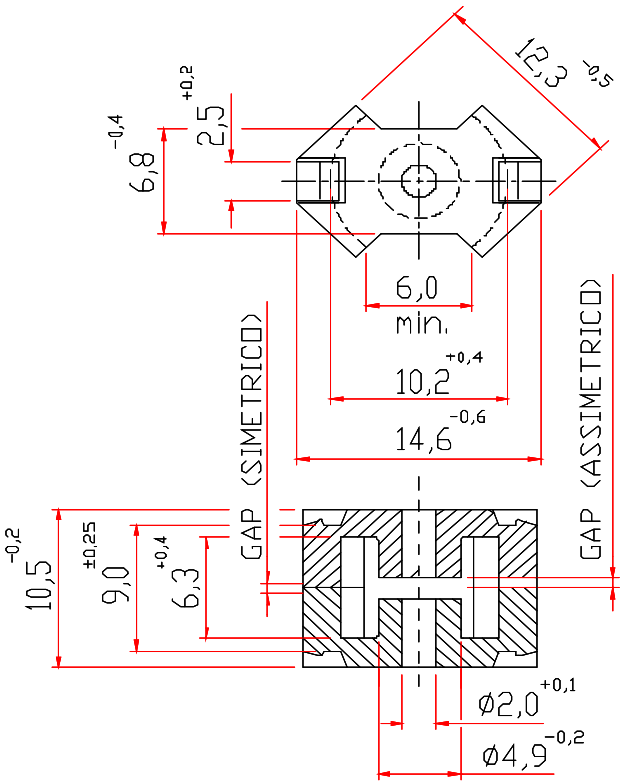
THORNTON
Thornton
Eletrônica Ltda

NRM-5S (with hole)

Effective Core Parameters:

Σ l/A	1,00	mm^{-1}
Le	20,8	mm
Ae	20,8	mm ^{2}
Amin	15,0	mm ^{2}
Ve	430,0	mm ^{3}

Weight Approx. (piece) 1,5 g



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NRM-5S-40-IP6 (with hole)	IP6	40	±3	*1,30	32
NRM-5S-100-IP6I2 (with hole)	IP612	100	±3	0,33	79,6
NRM-5S-125-IP6I2 (with hole)	IP612	125	±3	0,31	99
NRM-5S-160-IP6I2 (with hole)	IP612	160	±3	0,22	127
NRM-5S-200-IP6I2 (with hole)	IP612	200	±3	0,17	159
NRM-5S-250-IP6I2 (with hole)	IP612	250	±3	0,12	199
NRM-5S-315-IP6I2 (with hole)	IP612	315	±3	0,08	250
NRM-5S-315-IP6 (with hole)	IP612	315	±3	0,08	250
NRM-5S-400-IP6I2 (with hole)	IP612	400	±3	0,06	318
NRM-5S-400-IP6 (with hole)	IP6	400	±3	0,06	318

* Simetrical gap

WITHOUT GAP

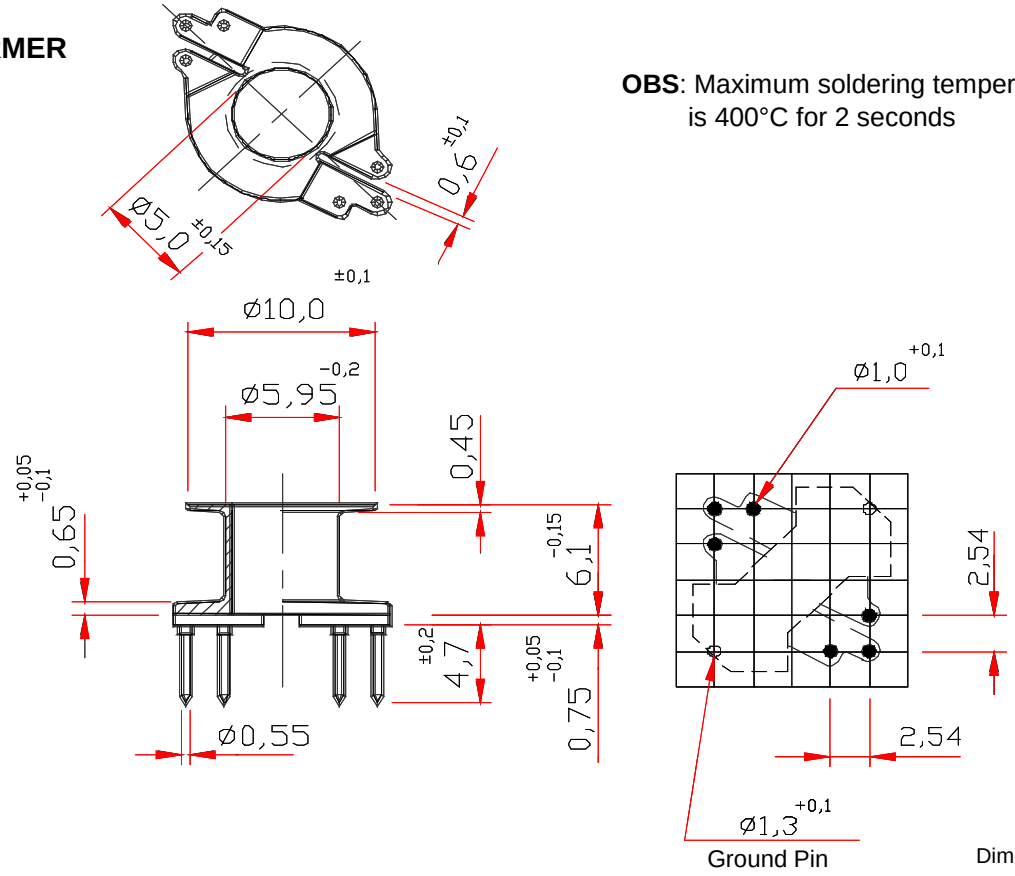
DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NRM-5S-1400-IP6I2 (with hole)	IP612	1400	+30 / -20	- - -	1114
NRM-5S-1400-IP6 (with hole)	IP6	1400	+30 / -20	- - -	1114

Others AL's by consulting

THORNTON
Thornton
Eletrônica Ltda

ACCESSORIES - NRM-5S (with hole)

COIL FORMER

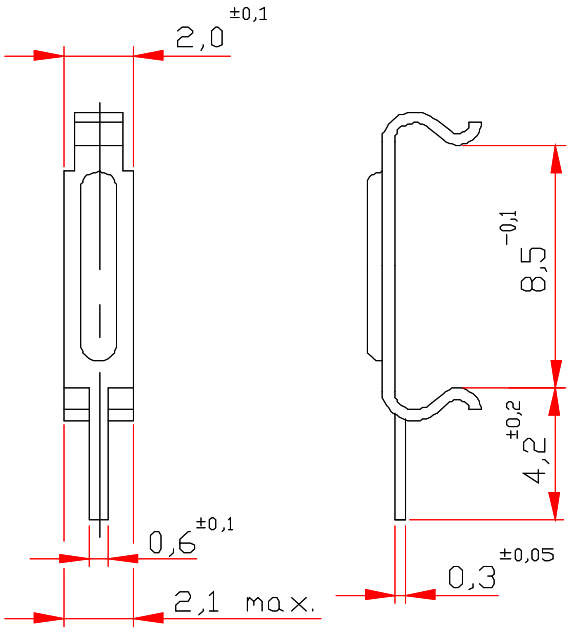


OBS: Maximum soldering temperature is 400°C for 2 seconds

Dimensions em mm

DESCRIPTION ORDER	WINDOW [mm²]	Nº OF SECTIONS	Nº DE TERMINALS	MEAN LENGTH [mm/turn]	WEIGHT ~ g [mm]	MATERIAL
C-RM-5S-1/6-BAQ	9,5	1	6	25,00	0,30	Bakelite

CLAMP



Dimensions em mm

DESCRIPTION ORDER	WEIGHT ~ g	MATERIAL
G - RM - 5S	0,079	TP Spring Steel

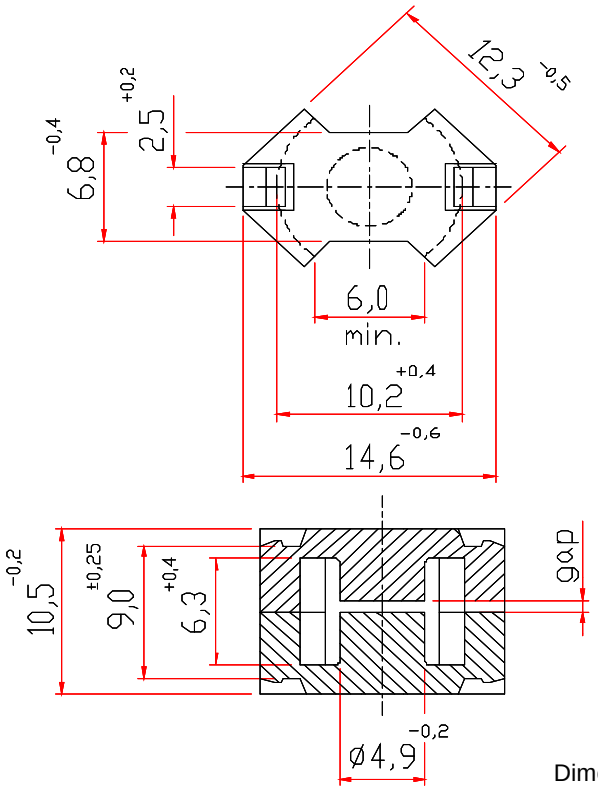
THORNTON
Thornton
Eletrônica Ltda

NRM-5S (without hole)

Effective Core Parameters:

Σ l/A	0,93	mm-¹
Le	22,1	mm
Ae	23,8	mm ²
Amin	18,0	mm ²
Ve	526,0	mm ³

Weight Approx. (piece) 1,6 g



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NRM-5S-160-IP6I2 (without hole)	IP612	160	± 3	0,22	127

WITHOUT GAP

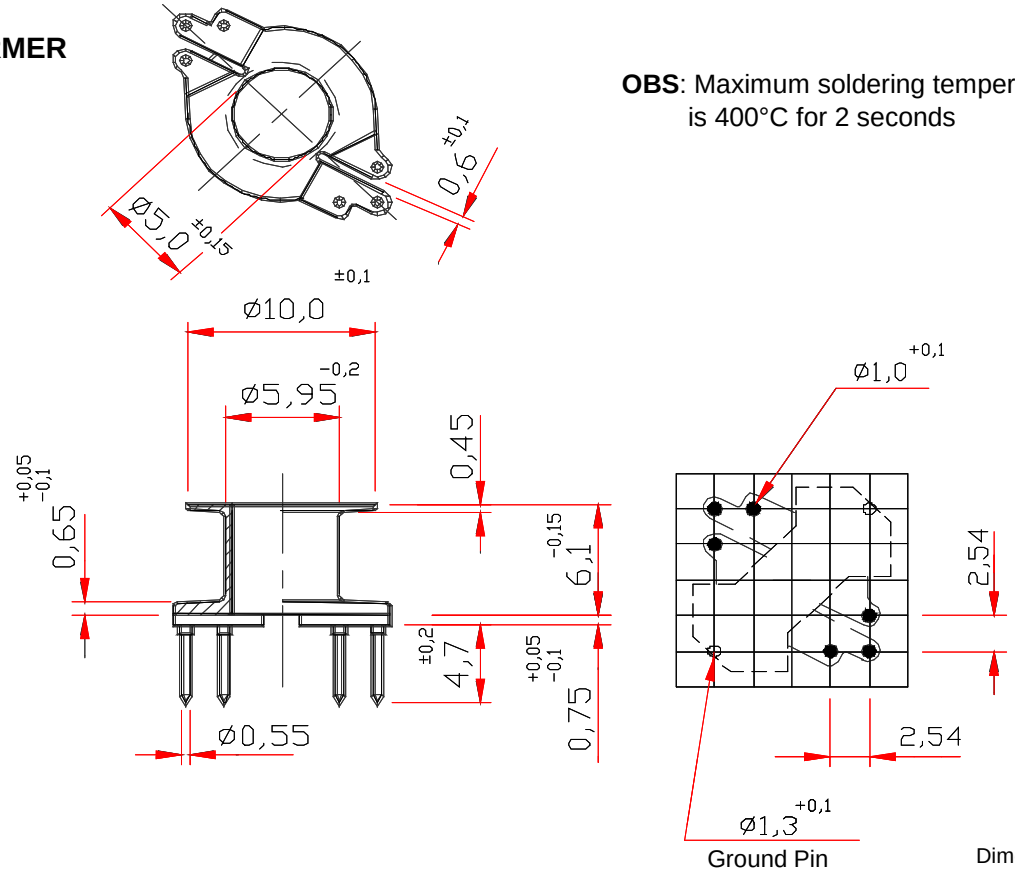
DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NRM-5S-100-IP12E (without hole)	IP12E	100	± 3	- - -	74
NRM-5S-3500-TH50 (without hole)	TH50	3500	+30 / -20	- - -	2589
NRM-5S-4500-TH50 (without hole)	TH50	4500	+ 30 / -20	- - -	3329
NRM-5S-5200-TH50 (without hole)	TH50	5200	+30 / -20	- - -	3847
NRM-5S-5600-TH50 (without hole)	TH50	5600	min.	- - -	4143

Others AL's by consulting

THORNTON
Thornton
Eletrônica Ltda

ACCESSORIES - NRM-5S (without hole)

COIL FORMER

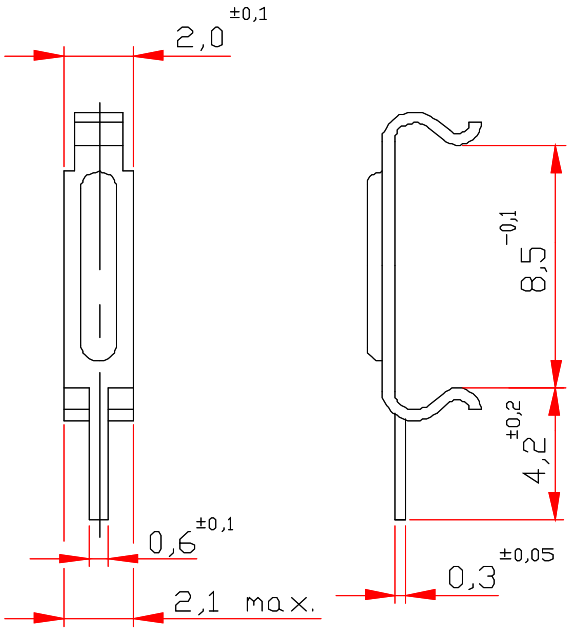


OBS: Maximum soldering temperature is 400°C for 2 seconds

Dimensions em mm

DESCRIPTION ORDER	WINDOW [mm²]	Nº OF SECTIONS	Nº DE TERMINALS	MEAN LENGTH [mm/turn]	WEIGHT ~ g [mm]	MATERIAL
C-RM-5S-1/6-BAQ	9,5	1	6	25,00	0,30	Bakelite

CLAMP



Dimensions em mm

DESCRIPTION ORDER	WEIGHT ~ g	MATERIAL
G - RM - 5S	0,079	TP Spring Steel

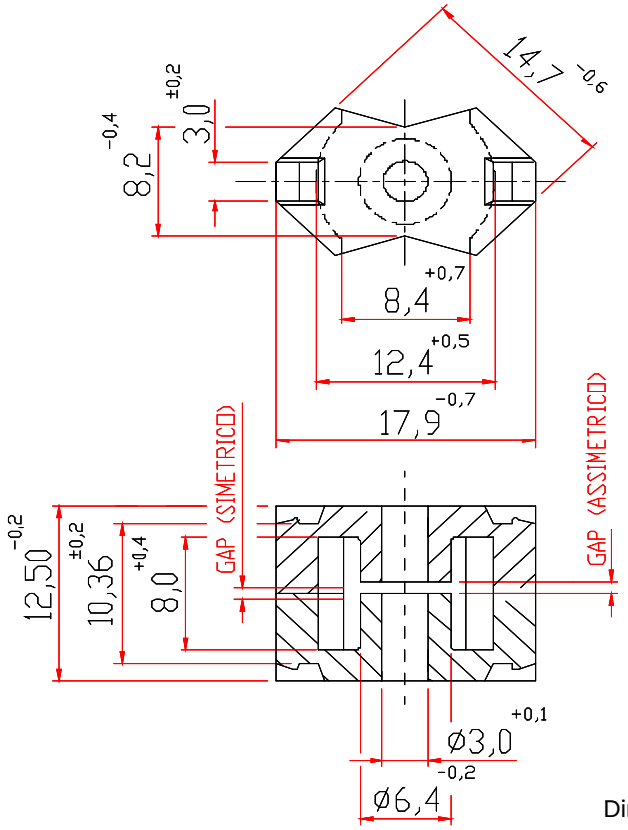
THORNTON
Thornton
Eletrônica Ltda

NRM-6S (with hole)

Effective Core Parameters:

Σ l/A	0,86	mm^{-1}
Le	27,0	mm
Ae	31,0	mm ^{2}
Amin	- - -	mm ^{2}
Ve	840,0	mm ^{3}

Weight Approx. (piece) 2,3 g



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NRM-6S-40-IP6 (with hole)	IP6	40	±3	*1,100	27
NRM-6S-60-IP6 (with hole)	IP6	60	±3	*0,820	41
NRM-6S-89-IP6 (with hole)	IP6	89	±3	*0,470	61
NRM-6S-100-IP6 (with hole)	IP6	100	±3	0,390	68
NRM-6S-160-IP6 (with hole)	IP6	160	±3	0,220	109
NRM-6S-160-IP12R (with hole)	IP12R	160	±3	0,220	109
NRM-6S-200-IP6 (with hole)	IP6	200	±3	0,170	137
NRM-6S-250-IP6 (with hole)	IP6	250	±3	0,120	171
NRM-6S-250-IP612 (with hole)	IP612	250	±3	0,120	171
NRM-6S-300-IP6 (with hole)	IP6	300	±3	0,100	205
NRM-6S-315-IP6 (with hole)	IP6	315	±3	0,080	215
NRM-6S-400-IP6 (with hole)	IP6	400	±3	0,060	274
NRM-6S-460-IP6 (with hole)	IP6	460	±3	0,050	314
NRM-6S-500-IP6 (with hole)	IP6	500	±3	0,050	342
NRM-6S-630-IP6 (with hole)	IP6	630	±10	0,030	431
NRM-6S-800-IP6 (with hole)	IP6	800	±10	0,020	547
NRM-6S-1000-IP6 (with hole)	IP6	1000	±10	0,015	684
NRM-6S-1250-IP6 (with hole)	IP6	1250	±10	0,010	855

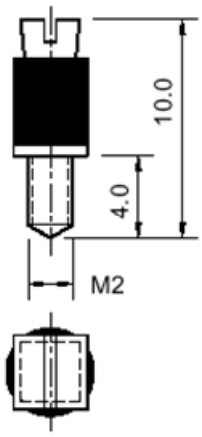
* Simetrical gap

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NRM-6S-2000-IP6 (with hole)	IP6	2000	+30 / -20	- - -	1368
NRM-6S-2000-IP6I2 (with hole)	IP612	2000	+30 / -20	- - -	1368
NRM-6S-4000-TH50 (with hole)	TH50	4000	+30 / -20	- - -	2736
NRM-6S-5000-TH50 (with hole)	TH50	5000	+30 / -20	- - -	3421

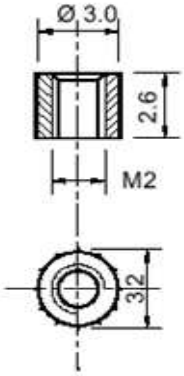
Others AL's by consulting

ACCESSORIES - NRM-6S (with hole)

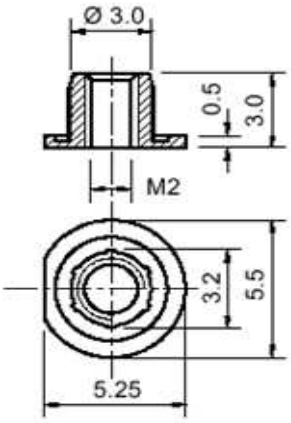


ADJUSTING SCREW		
DESCRIPTION ORDER	MATERIAL	WEIGHT ~ [g]
PA - 3 / 3,5 - IP 6	Polyacetal	0,110

Dimensions em mm

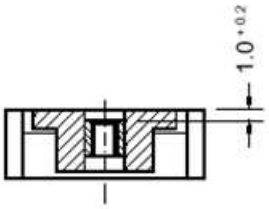


Without Flange



With Flange

NUT		
DESCRIPTION ORDER	MATERIAL	WEIGHT ~ [g]
a) PO - 3/3 - S/F - POM	Polyacetal	0,014
b) PO - 3/3 - C/F - POM	Polyacetal	0,029



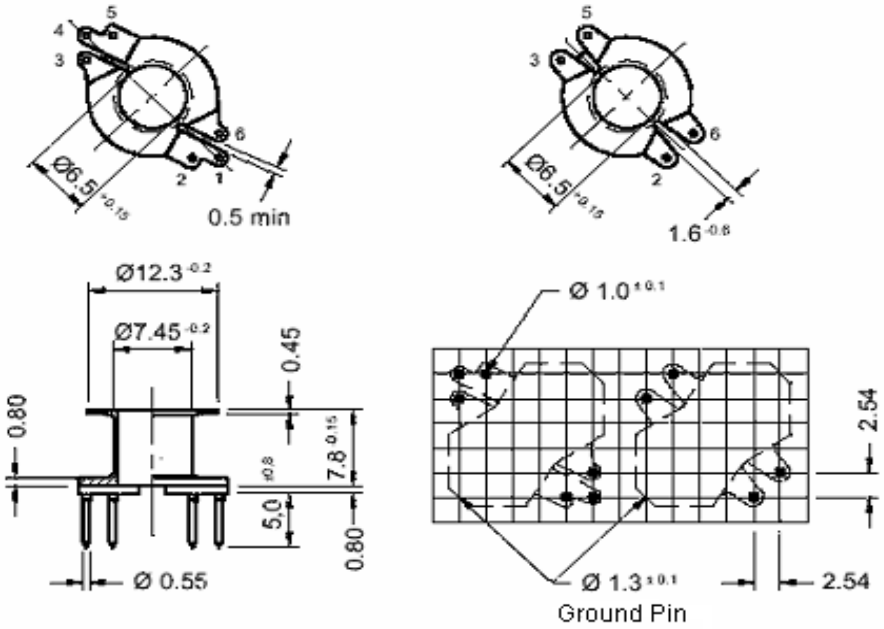
Dimensions em mm

THORNTON

Thornton
Eletrônica Ltda

ACCESSORIES - NRM-6S (with hole)

COIL FORMER

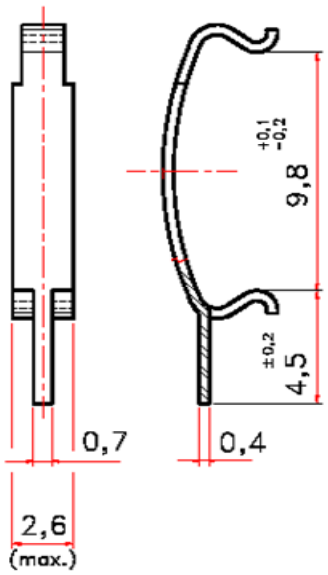


Maximum soldering temperature is 400°C for 2 seconds

Dimensions em mm

DESCRIPTION ORDER	WINDOW [mm²]	Nº OF SECTIONS	Nº DE TERMINALS	MEAN LENGTH [mm/turn]	WEIGHT ~ g [mm]	MATERIAL
C-RM-6S-1/4-BAQ	15,00	1	4	30,00	0,40	Bakelite
C-RM-6S-1/6-BAQ	15,00	1	6	30,00	0,40	Bakelite

CLAMP



Dimensions em mm

DESCRIPTION ORDER	WEIGHT ~ g	MATERIAL
G - RM - 6S	0,12	TP Spring Steel

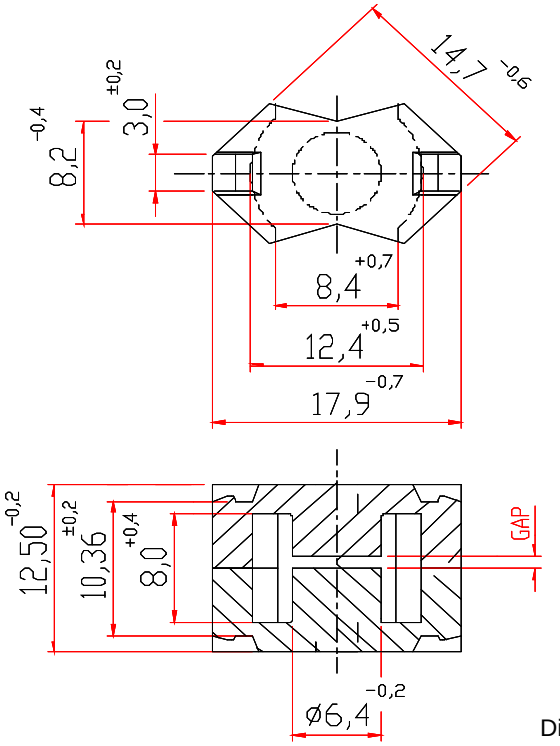
THORNTON
Thornton
Eletrônica Ltda

NRM-6S (without hole)

Effective Core Parameters:

Σ l/A	0,78	mm^{-1}
Le	29,0	mm
Ae	37,0	mm ^{2}
Amin	31,0	mm ^{2}
Ve	1050,0	mm ^{3}

Weight Approx. (piece) 2,50 g



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NRM-6S-160-IP12E (without hole)	IP12E	160	± 3	0,25	99,3
NRM-6S-160-IP12R (without hole)	IP12R	160	± 3	0,25	99,3
NRM-6S-200-IP6 (without hole)	IP6	200	± 3	0,19	124,1
NRM-6S-250-IP12R (without hole)	IP12R	250	± 3	0,15	155,1
NRM-6S-250-IP6I3 (without hole)	IP613	250	± 3	0,15	155,1
NRM-6S-300-IP6I3 (without hole)	IP613	300	± 3	0,13	186,2
NRM-6S-400-IP6(S/FURO)	IP6	400	± 3	0,06	248,2
NRM-6S-500-IP6(without hole)	IP6	500	± 3	0,10	310,3

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NRM-6S-2000-IP6 (without hole)	IP6	2000	+30 / -20	- - -	1241
NRM-6S-2000-IP12R (without hole)	IP12R	2000	+30 / -20	- - -	1241
NRM-6S-4000-TH50 (without hole)	TH50	4000	+30 / -25	- - -	2483
NRM-6S-5000-TH50 (without hole)	TH50	5000	+30 / -20	- - -	3103
NRM-6S-5500-TH50 (without hole)	TH50	5500	± 25	- - -	3413
NRM-6S-6200-TH50 (without hole)	TH50	6200	+30 / -20	- - -	3847

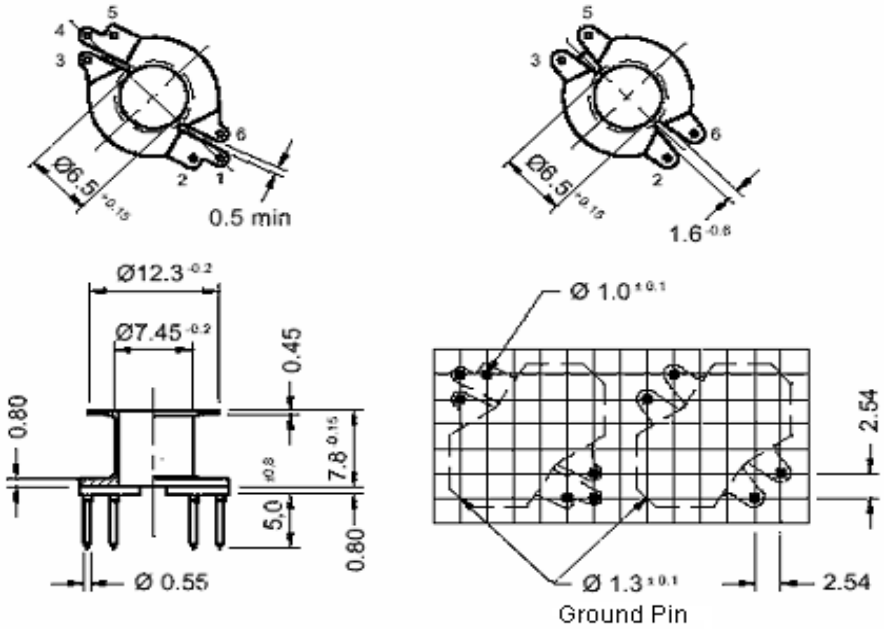
Others AL's by consulting

THORNTON

Thornton
Eletrônica Ltda

ACCESSORIES - NRM-6S (without hole)

COIL FORMER

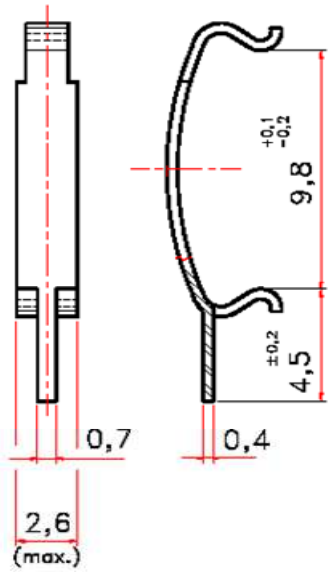


Dimensions em mm

Maximum soldering temperature is 400°C for 2 seconds

DESCRIPTION ORDER	WINDOW [mm²]	Nº OF SECTIONS	Nº DE TERMINALS	MEAN LENGTH [mm/turn]	WEIGHT ~ g [mm]	MATERIAL
C-RM-6S-1/4-BAQ	15,00	1	4	30,00	0,40	Bakelite
C-RM-6S-1/6-BAQ	15,00	1	6	30,00	0,40	Bakelite

CLAMP



Dimensions em mm

DESCRIPTION ORDER	WEIGHT ~ g	MATERIAL
G - RM - 6S	0,12	TP Spring Steel

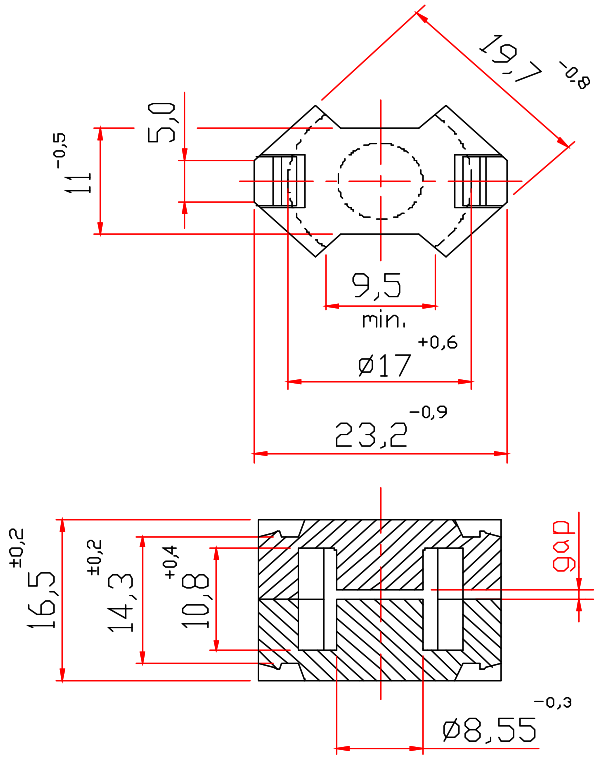
THORNTON
Thornton
Eletrônica Ltda

NRM-8S (without hole)

Effective Core Parameters:

Σ l/A	0,604	mm^{-1}
Le	38,4	mm
Ae	63,0	mm ^{2}
Amin	55,4	mm ^{2}
Ve	2440	mm ^{3}

Weight Approx. (piece 6,1 g



Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NRM-8S-250-IP12E (without hole)	IP12E	250	± 3	0,28	120,1
NRM-8S-315-IP12R (without hole)	IP12R	315	± 3	0,18	151
NRM-8S-630-IP12E (without hole)	IP12E	630	± 10	0,10	302,7

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NRM-8S-2900-IP12E (without hole)	IP12E	2900	± 25	- - -	1393
NRM-8S-5800-TH50 (without hole)	TH50	5800	+30 / -20	- - -	2787
NRM-8S-6200-TH50 (without hole)	TH50	6200	+30 / -20	- - -	2979

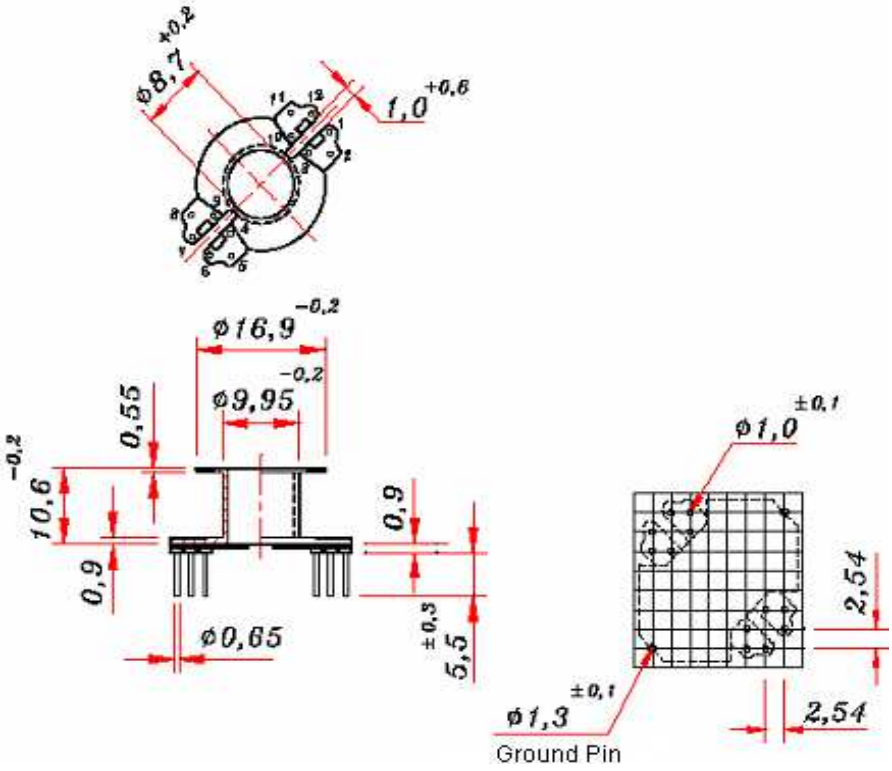
Others AL's by consulting

THORNTON

Thornton
Eletrônica Ltda

ACCESSORIES - NRM-8S (without hole)

COIL FORMER

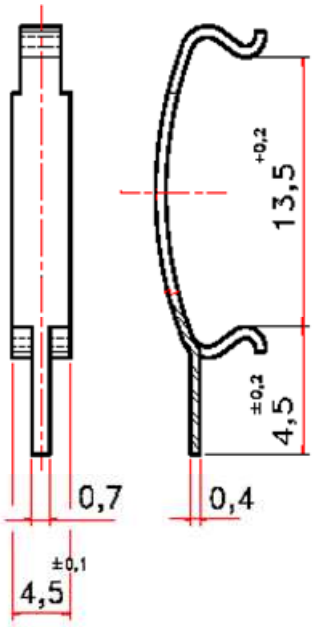


Dimensions em mm

Maximum soldering temperature is 400°C for 2 seconds

DESCRIPTION ORDER	WINDOW [mm²]	Nº OF SECTIONS	Nº DE TERMINALS	MEAN LENGTH [mm/turn]	WEIGHT ~ g [mm]	MATERIAL
C-RM-8S-1/12-BAQ	30,00	1	12	42,00	0,80	Bakelite

CLAMP



Dimensions em mm

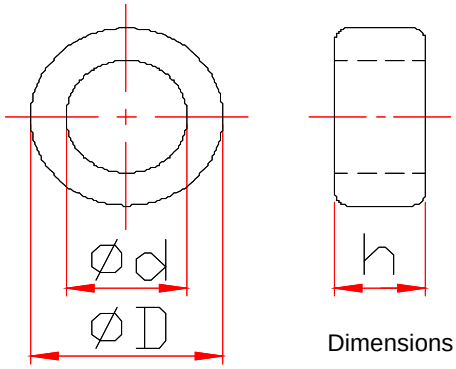
DESCRIPTION ORDER	WEIGHT ~ g	MATERIAL
G - RM - 8S	0,296	TP Spring Steel

THORNTON
Thornton
Eletrônica Ltda

NT

Effective Core Parameters:

MODEL	Σ l/A mm^{-1}	Le mm	Ae mm ^{2}	Ve mm ^{3}
NT-4/1/1	4,53	5,8	1,3	7,4
NT-7/3/5	1,48	14,0	9,4	131,7
NT-10/5/2	4,53	21,78	4,8	104,6
NT-10/5/3,2	2,83	21,78	7,7	167,4
NT-10/5/3,5	2,59	21,78	8,41	183,09
NT-10/5/6,5	1,39	21,78	15,6	340,2
NT-12,5/7,5/4,25	2,89	30,09	10,40	312,85
NT-12,5/7,5/8,5	1,45	30,09	20,79	625,69
NT-12,5/7,5/10	1,23	30,09	24,46	736,11
NT-15/9,5/4	3,50	37,18	10,6	394,0
NT-15/9,5/7	1,98	37,18	18,71	695,5
NT-15/9,5/8	1,73	37,18	21,41	795,9
NT-15/9,5/12	1,15	37,18	32,22	1197,9



Dimensions in mm

DESCRIPTION ORDER	MAT.	Al [nH]	Tol.%	Ø D	Tol.	Ø d	Tol.	h	Tol.	WEIGHT ~g
NT-4/1/1-675-IP6	IP6	675	+30/-20	4,0	± 0,2	1,0	± 0,2	1,0	± 0,2	0,05
NT-7/3/5-1500-IP6	IP6	1500	± 30	7,0	± 0,3	3,0	± 0,3	5,0	± 0,30	0,65
NT-7/3/5-3000-TH50	TH50	3000	± 30	7,0	± 0,3	3,0	± 0,3	5,0	± 0,30	0,65
NT-10/5/2-450-IP6	IP6	450	± 50	10,0	± 1,0	5,0	± 1,0	2,0	± 0,2	0,48
NT-10/5/3,2-1000-IP6	IP6	1000	+40/-30	10,0	± 1,0	5,0	± 1,0	3,2	± 0,2	0,75
NT-10/5/3,2-1300-TH50	TH50	1300	min.	10,0	± 1,0	5,0	± 1,0	3,2	± 0,2	0,75
NT-10/5/3,5-1900-TH50	TH50	1900	± 25	10,0	± 1,0	5,0	± 1,0	3,5	± 0,2	0,75
**NT-10/5/6,5-2000-IP6	IP6	2000	± 25	10,0	± 1,0	5,0	± 1,0	6,5	± 0,5	1,83
**NT-10/5/6,5-2400-IP12	IP12	2400	± 25	10,0	± 1,0	5,0	± 1,0	6,5	± 0,5	1,83
**NT-10/5/6,5-2600-IP12	IP12	2600	± 25	10,0	± 1,0	5,0	± 1,0	6,5	± 0,5	1,83
**NT-10/5/6,5-4000-TH50	TH50	4000	+40/-30	10,0	± 1,0	5,0	± 1,0	6,5	± 0,5	1,83
**NT-12,5/7,5/4,25-1700-TH50	TH50	1700	+30/-20	12,5	± 1,0	7,5	± 1,0	4,25	± 0,5	1,57
**NT-12,5/7,5/8,5-2200-IP6	IP6	2200	± 25	12,5	± 1,0	7,5	± 1,0	8,5	± 0,5	2,95
**NT-12,5/7,5/10-2400-IP12R	IP12R	2400	± 25	12,5	± 1,0	7,5	± 1,0	10,0	± 0,5	3,76
**NT-12,5/7,5/10-2600-IP6	IP6	2600	± 25	12,5	± 1,0	7,5	± 1,0	10,0	± 0,5	3,76
**NT-12,5/7,5/10-4200-TH50	TH50	4200	+35/-25	12,5	± 1,0	7,5	± 1,0	10,0	± 0,5	3,71
NT-15/9,5/4-1130-IP6	IP6	1330	±25	15,0	±1,0	9,5	±1,0	4,0	±0,48	2,20
**NT-15/9,5/7-2770-TH50	TH50	2770	+40/-20	15,0	± 1,0	9,5	± 1,0	7,0	± 0,5	3,60
**NT-15/9,5/8-2000-IP12R	IP12R	2000	± 25	15,0	± 1,0	9,5	± 1,0	8,0	± 0,5	4,10
**NT-15/9,5/8-2000 -IP6	IP6	2000	± 25	15,0	± 1,0	9,5	± 1,0	8,0	± 0,5	4,10
**NT-15/9,5/12-5000-TH50	TH50	5000	+30/-20	15,0	± 1,0	9,5	± 1,0	12,0	± 0,5	6,00

Note 1: ** The cores listed above may be supplied with or without coating

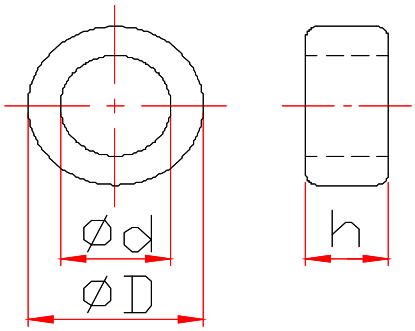
Note 2: In case of a coated core, the maximum dimensions of the external surfaces are increased in 0.25mm and the minimum dimensions of the internal surfaces are reduced in 0.25mm.

Others AL's by consulting

NT

Effective Core Parameters:

MODEL	Σ l/A mm^{-1}	Le mm	Ae mm ^{2}	Ve mm ^{3}
NT-15/8,5/25	0,437	35,001	80,155	2805,5
NT-15/9,5/25	0,543	37,18	68,44	2544,3
NT-15/9,5/28	0,484	37,18	76,81	2855,8
NT-19/11/6	1,92	44,9	23,4	1050,2
NT-19/11/12	0,958	44,9	46,82	2100,3
NT-23/14/8	1,58	55,8	35,3	1968,0
NT-23/14/10,1	1,253	55,8	44,53	2484,63
NT-23/14/11	1,151	55,8	48,50	2706,03
NT-27/16/12	1,00	64,6	64,5	4164,9
NT-35/22/15	0,90	86,4	95,77	8274,06
NT-35/22/17,5	0,773	86,4	111,73	9653,05
NT-35/22/22	0,615	86,4	140,46	12135,29



Dimensions in mm

DESCRIPTION ORDER	MAT.	Al [nH]	Tol.%	Ø D	Tol.	Ø d	Tol.	h	Tol.	WEIGHT ~g
NT-15/8,5/25-1000-ELM4	ELM4	1000	± 30	15,0	± 1,0	8,5	± 1,0	25	± 0,8	13,30
NT-15/8,5/25,4-6500-IP12R	IP12R	6500	± 25	15,0	± 1,0	8,5	± 1,0	25,4	± 0,5	13.30
NT-15/8,5/28-7000-IP12R	IP12R	7000	± 25	15,0	± 1,0	8,5	± 1,0	28,5	± 0,8	13.30
**NT-15/9,5/25-6000-TH50	TH50	6000	min.	15,0	± 1,0	9,5	± 1,0	25,4	± 0,5	12,50
**NT-15/9,5/28-12000-TH50	TH50	12000	± 25	15,0	± 1,0	9,5	± 1,0	28,5	± 0,5	14,00
**NT-19/11/6-1300-IP6	IP6	1300	± 25	19,0	± 0,6	11,0	± 0,35	6,0	± 0,2	5,20
**NT-19/11/6-1300-IP12R	IP12R	1300	± 25	19,0	± 0,6	11,0	± 0,35	6,0	± 0,2	5,20
**NT-19/11/6-2200-TH50	TH50	2200	± 25	19,0	± 0,6	11,0	± 0,35	6,0	± 0,2	5,20
**NT-19/11/12-2600-IP12E	IP12E	2600	± 25	19,0	± 0,6	11,0	± 0,35	12,0	± 0,2	10,60
**NT-19/11/12-2600-IP12R	IP12R	2600	± 25	19,0	± 0,6	11,0	± 0,35	12,0	± 0,2	10,60
**NT-19/11/12-4400-TH50	TH50	4400	± 25	19,0	± 0,6	11,0	± 0,35	12,0	± 0,2	10,60
**NT-23/14/8-1700-IP12R	IP12R	1700	± 25	23,0	± 1,0	14,0	± 1,0	8,0	± 0,5	9,78
**NT-23/14/8-1700-IP6	IP6	1700	± 25	23,0	± 1,0	14,0	± 1,0	8,0	± 0,5	9,78
**NT-23/14/8-1700-IP12E	IP12E	1700	± 25	23,0	± 1,0	14,0	± 1,0	8,0	± 0,5	9,78
**NT-23/14/10,1-3600 -TH50	TH50	3600	min.	23,0	± 1,0	14,0	± 1,0	10,1	± 0,5	12,32
**NT-23/14/11-2500-IP12R	IP12R	2500	± 25	23,0	± 1,0	14,0	± 1,0	11,0	± 0,5	13,60
**NT-23/14/11-4400-TH50	TH50	4400	± 25	23,0	± 1,0	14,0	± 1,0	11,0	± 0,5	13,60
**NT-27/16/12-2700-IP12R	IP12R	2700	± 25	27,0	± 0,7	16,0	± 0,5	12,0	± 0,5	22,0
**NT-27/16/12-2700-IP6	IP6	2700	± 25	27,0	± 0,7	16,0	± 0,5	12,0	± 0,5	22,0
**NT-27/16/12-2700-IP12E	IP12E	2700	± 25	27,0	± 0,7	16,0	± 0,5	12,0	± 0,5	22,0
**NT-27/16/12-6000-TH50	TH50	6000	± 25	27,0	± 0,7	16,0	± 0,5	12,0	± 0,5	22,5
**NT-35/22/15-3000-IP12R	IP12R	3000	± 25	35,0	± 1,0	22,0	± 1,0	15,0	+1,0	40,0
**NT-35/22/15-3000-IP6	IP6	3000	± 25	35,0	± 1,0	22,0	± 1,0	15,0	+1,0	40,0
**NT-35/22/15-3200-IP12E	IP12E	3200	± 25	35,0	± 1,0	22,0	± 1,0	15,0	+1,0	40,0
**NT-35/22/15-5000-TH50	TH50	5000	± 25	35,0	± 1,0	22,0	± 1,0	15,0	+1,0	40,0
**NT-35/22/17,5-3400-IP12R	IP12R	3400	± 25	35,0	± 1,0	22,0	± 1,0	17,5	± 0,5	46,7
**NT-35/22/17,5-3700-IP12E	IP12E	3700	± 25	35,0	± 1,0	22,0	± 1,0	17,5	± 0,5	46,7
**NT-35/22/22-4100-IP12R	IP12R	4100	± 25	35,0	± 1,0	22,0	± 1,0	22,0	± 0,5	60,30
**NT-35/22/22-4100-IP12E	IP12E	4100	± 25	35,0	± 1,0	22,0	± 1,0	22,0	± 0,5	60,30
**NT-35/22/22-8000-TH50	TH50	8000	+50/-25	35,0	± 1,0	22,0	± 1,0	22,0	± 0,5	60,30

Note 1: ** The cores listed above may be supplied with or without coating

Note 2: In case of a coated core, the maximum dimensions of the external surfaces are increased in 0.25mm and the minimum dimensions of the internal surfaces are reduced in 0.25mm.

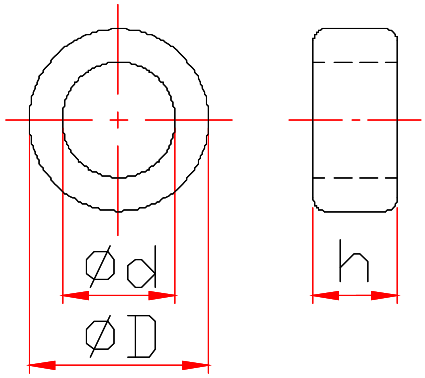
Others AL's by consulting

THORNTON
Thornton
Eletrônica Ltda

NT

Effective Core Parameters:

MODEL	Σ l/A mm^{-1}	Le mm	Ae mm ^{2}	Ve mm ^{3}
NT-45/19/16	0,46	89,1	195,6	17421,5
NT-45/28/15	0,897	110,4	123,1	13602
NT-45/28/30	0,445	110,47	248,2	27426
NT-52/32/20	0,647	126,9	196,12	24887,79
NT-52/32/24	0,544	126,9	233,33	29609,69
NT-60/21/10	0,59	106,5	178,0	18970,5
NT-60/21/20	0,299	106,5	356,07	37941,1
NT-60/21/25	0,24	106,55	443,26	47231,61
NT-62/42/8	2,017	159,31	79,0	12584,5
NT-62/42/20	0,815	159,3	195,57	31154,8
NT-94/54/13	0,88	220,32	249,32	54929,77



Dimensions in mm

DESCRIPTION ORDER	MAT.	Al [nH]	Tol.%	Ø D	Tol.	Ø d	Tol.	h	Tol.	WEIGHT ~g
**NT-45/19/16-6000-IP12E	IP12E	6000	± 25	45,0	± 1,0	19,0	± 1,0	16,0	± 0,6	93,50
**NT-45/19/16-6000-IP12R	IP12R	6000	± 25	45,0	± 1,0	19,0	± 1,0	16,0	± 0,6	93,50
**NT-45/19/16-6000-IP6	IP6	6000	± 25	45,0	± 1,0	19,0	± 1,0	16,0	± 0,6	93,50
**NT-45/19/16-10900-TH50	TH50	10900	± 25	45,0	± 1,0	19,0	± 1,0	16,0	± 0,6	93,50
**NT-45/28/15-2400-IP12E	IP12E	2400	± 25	45,0	± 1,0	28,0	± 1,0	15,0	± 0,6	66,4
**NT-45/28/15-5500-TH50	TH50	5500	± 25	45,0	± 1,0	28,0	± 1,0	15,0	± 0,6	66,4
**NT-45/28/30-5000-IP12E	IP12E	5000	± 25	45,0	± 1,0	28,0	± 1,0	30	± 0,6	132,8
**NT-52/32/20-3700-IP12E	IP12E	3700	± 25	52,0	± 1,0	32,0	± 1,0	20,0	± 0,48	121,50
**NT-52/32/20-4400-IP6	IP6	4400	± 25	52,0	± 1,0	32,0	± 1,0	20,0	± 0,48	121,50
**NT-52/32/20-4400-IP12E	IP12E	4400	± 25	52,0	± 1,0	32,0	± 1,0	20,0	± 0,48	121,50
**NT-52/32/20-7100-TH50	TH50	7100	± 25	52,0	± 1,0	32,0	± 1,0	20,0	± 0,48	121,50
**NT-52/32/24-4400-IP12E	IP12E	4400	± 25	52,0	± 1,0	32,0	± 1,0	24,0	± 0,48	145,80
**NT-60/21/10-3750-IP12E	IP12E	3750	± 25	60,0	± 2,5	21,0	± 1,0	10,0	± 0,4	107,00
**NT-60/21/10-3750-IP6	IP6	3750	± 25	60,0	± 2,5	21,0	± 1,0	10,0	± 0,4	107,00
**NT-60/21/10-4400-IP12R	IP12R	4400	± 25	60,0	± 2,5	21,0	± 1,0	10,0	± 0,4	107,00
**NT-60/21/20-7600-IP12E	IP12E	7600	± 25	60,0	± 2,5	21,0	± 1,0	20,0	+0,6/-0,4	231,00
**NT-60/21/20-7600-IP12R	IP12R	7600	± 25	60,0	± 2,5	21,0	± 1,0	20,0	+0,6/-0,4	231,00
**NT-60/21/20-7600-IP6	IP6	7600	± 25	60,0	± 2,5	21,0	± 1,0	20,0	+0,6/-0,4	231,00
**NT-60/21/25-9600-IP6	IP6	9600	± 25	60,0	± 2,5	21,0	± 1,0	20,0	+0,6/-0,4	288,00
**NT-62/42/8-1300-IP12R	IP12R	1300	± 25	62,0	± 2,5	42,0	± 1,5	8,0	± 0,6	57,50
**NT-62/42/20-3550-IP12E	IP12E	3550	± 25	62,0	± 2,5	42,0	± 1,5	20,0	± 0,6	153,00
**NT-94/54/13-2500-IP6	IP6	2500	± 25	94,0	± 1,5	53,7	± 1,5	12,7	± 0,5	272,00

Note 1: ** The cores listed above may be supplied with or without coating

Note 2: In case of a coated core, the maximum dimensions of the external surfaces are increased in 0.25mm and the minimum dimensions of the internal surfaces are reduced in 0.25mm.

Others AL's by consulting

THORNTON
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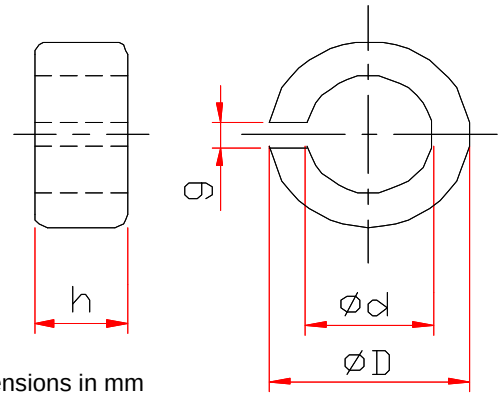
NT

Effective Core Parameters:

MODEL	S I/A mm-¹	Le mm	Ae mm ²	Ve mm ³	WEIGHT ~g
NT-15/9,5/8	1,72	37,2	21,6	803,8	3,40
NT-23/14/8	1,58	55,8	35,3	1968,0	9,00
NT-27/16/12	1,00	64,6	64,5	4164,9	23,50
NT-35/22/15	0,90	86,4	95,8	8274,0	40,0
NT-45/19/16	0,46	89,1	1956	17421,5	93,50
NT-60/21/10	0,59	106,5	178,0	18970,5	107,00
NT-60/21/20	0,299	106,5	356,07	37941,1	231,00



Dimensions in mm

WITH GAP

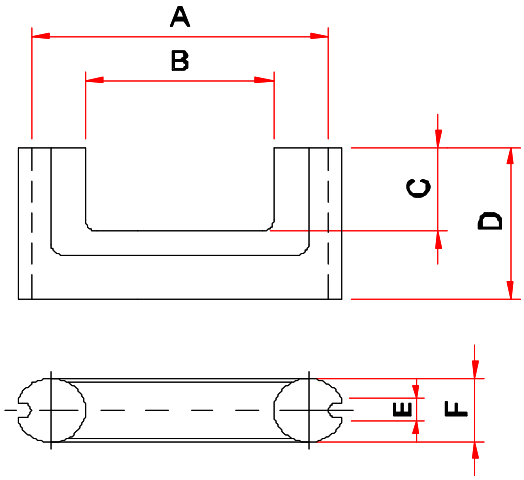
DESCRIPTION ORDER	MAT.	Al [nH]	Tol.%	Ø D	Tol.	Ø d	Tol.	h	Tol.	~g [mm]
**NT-15/9,5/8-40-IP6	IP6	40	± 20	15	± 1,0	9,5	± 1,0	8,0	± 0,5	4,8
**NT-15/9,5/8-70-IP6	IP6	70	± 20	15	± 1,0	9,5	± 1,0	8,0	± 0,5	1,0
**NT-23/14/8-60-IP6	IP6	60	± 20	23,0	± 1,0	14,0	± 1,0	8,0	± 0,5	2,0
**NT-23/14/8-80-IP6	IP6	80	± 20	23,0	± 1,0	14,0	± 1,0	8,0	± 0,5	1,5
**NT-27/16/12-100-IP6	IP6	100	± 15	27,0	± 0,7	16,0	± 0,5	12,0	± 0,5	2,3
**NT-27/16/12-122-IP6	IP6	122	± 20	27,0	± 0,7	16,0	± 0,5	12,0	± 0,5	1,5
**NT-35/22/15-100-IP6	IP6	100	± 15	35,0	± 1,0	22,0	± 1,0	15,0	+1,0	4,0
**NT-35/22/15-110-IP6	IP6	110	± 20	35,0	± 1,0	22,0	± 1,0	15,0	+1,0	3,3
**NT-35/22/15-160-IP6	IP6	160	± 20	35,0	± 1,0	22,0	± 1,0	15,0	+1,0	1,5
**NT-35/22/15-160-IP12R	IP12R	160	± 20	35,0	± 1,0	22,0	± 1,0	15,0	+1,0	1,5
**NT-45/19/16-165-IP6	IP6	165	± 15	45,0	± 1,0	19,0	± 1,0	16,0	± 0,6	4,1
NT-45/19/16-165-IP12E	IP12E	165	± 15	45,0	± 1,0	19,0	± 1,0	16,0	± 0,6	4,1
NT-45/19/16-290-IP6	IP6	290	± 20	45,0	± 1,0	19,0	± 1,0	16,0	± 0,6	1,5
NT-60/21/10-180-IP12R	IP12R	180	± 15	60,0	± 2,5	21,0	± 1,0	10,0	± 0,4	5,0
NT-60/21/20-260-IP12R	IP12R	260	± 15	60,0	± 2,5	21,0	± 1,0	20,0	+0,6/-0,4	5,0

Note 1: ** The cores listed above may be supplied with or without coating

Note 2: In case of a coated core, the maximum dimensions of the external surfaces are increased in 0.25mm and the minimum dimensions of the internal surfaces are reduced in 0.25mm.

Others AL's by consulting

NU



Dimensions in mm

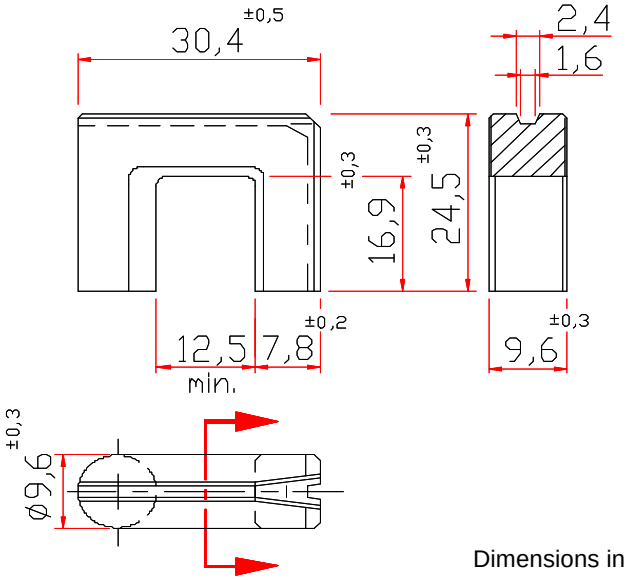
DESCRIPTION ORDER	MAT.	A	Tol.	B	Tol.	C	Tol.	D	Tol.	E	Tol.	F	Tol.	WEIGHT~g
NU-40/27/11-IP6	IP6	39,60	± 1,0	25,0	± 1,0	17,90	± 0,40	27,40	± 0,20	3,20	± 0,30	11,20	± 0,25	34,0
NU-46/28/11-IP6	IP6	46,30	± 1,2	31,0	± 1,2	17,90	± 0,40	27,90	± 0,40	3,20	± 0,30	11,20	± 0,25	40,0
NU-50/28/15-IP6	IP6	49,70	± 1,0	27,70	± 1,0	16,00	± 0,50	28,40	± 0,20	4,80	± 0,20	15,30	± 0,40	67,0
NU-51/36/17-IP6	IP6	51,0	± 1,0	26,50	± 1,0	21,50	± 0,80	36,00	- 0,40	4,50	± 0,20	17,40	- 0,80	98,0
NU-51/39/17-IP6	IP6	51,0	± 1,0	26,50	± 1,0	25	± 0,80	39,5	- 0,40	4,50	± 0,20	17,40	- 0,80	108
NU-54/27/11-IP6	IP6	53,72	± 1,0	37,61	± 1,0	17,41	± 0,30	27,00	± 0,20	3,18	± 0,15	11,35	± 0,25	41,5
NU-55/31/16-IP6	IP6	55,0	± 1,0	27,70	min.	17,50	± 0,40	31,50	± 0,40	3,50	± 0,25	16,00	± 0,50	92,0
NU-57/29/14-IP6	IP6	56,70	± 1,0	37,0	± 1,0	18,10	± 0,50	29,50	± 0,20	3,60	± 0,20	13,80	± 0,20	65,5
NU-60/33/17-IP6	IP6	60,30	± 1,0	34,80	min.	19,05	± 0,50	33,35	± 0,20	4,80	± 0,20	17,25	± 0,40	106,5

NUR-30,4/24/10

Effective Core Parameters:

S I/A	1,64	mm-¹
Le	120,0	mm
Ae	73,0	mm ²
Amin	- - -	mm ²
Ve	8760,0	mm ³

Weight Approx. (piece) 21,0 g



Dimensions in mm

WITHOUT GAP

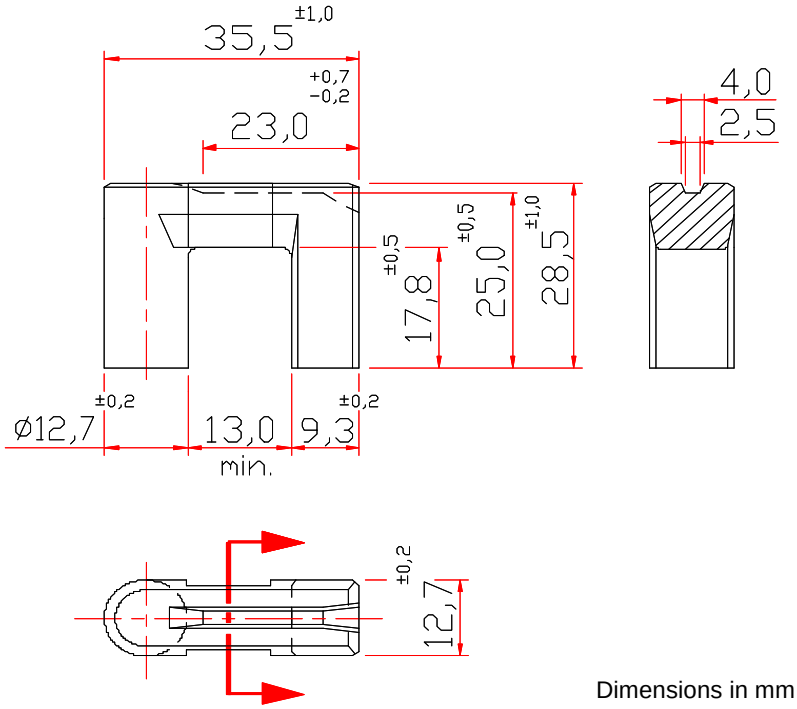
DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NUR-30,4/24/10-IP6	IP6	- - -	- - -	- - -	- - -
NUR-30,4/24/10-IP12R	IP12R	- - -	- - -	- - -	- - -

NUR-35/29/13

Effective Core Parameters:

S I/A	1,443	mm-¹
Le	172,4	mm
Ae	119,4	mm ²
Amin	- - -	mm ²
Ve	20584,5	mm ³

Weight Approx. (piece) 39,0 g



Dimensions in mm

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NUR-35/29/13-IP12R	IP12R	- - -	- - -	- - -	- - -

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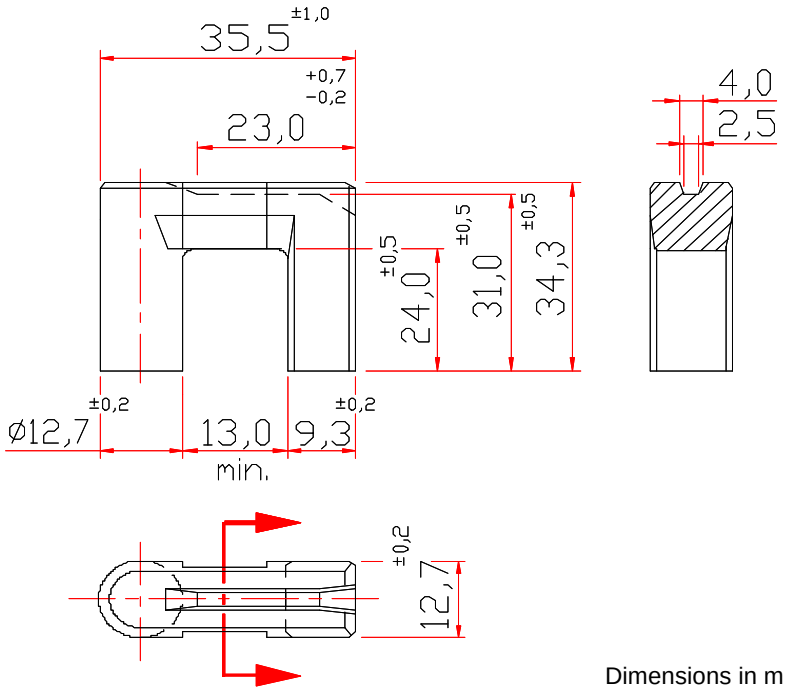
NUR-35/34/13

Effective Core Parameters:

S I/A	1,34	mm-¹
Le	160,4	mm
Ae	119,4	mm ²
Amin	- - -	mm ²
Ve	19152,0	mm ³

Weight Approx. (piece) 46,0 g



Dimensions in mm

WITHOUT GAP

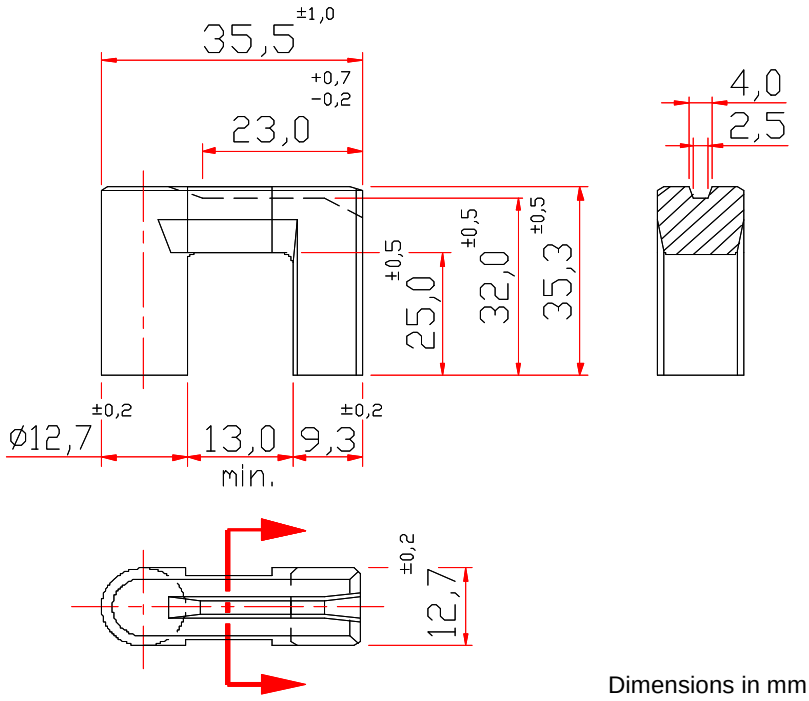
DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NUR-35/34/13-IP6	IP6	- - -	- - -	- - -	- - -
NUR-35/34/13-IP12R	IP12R	- - -	- - -	- - -	- - -

NUR-35/35/13

Effective Core Parameters:

S I/A	1,36	mm-¹
Le	162,4	mm
Ae	119,4	mm ²
Amin	- - -	mm ²
Ve	19390,5	mm ³

Weight Approx. (piece) 48,0 g



Dimensions in mm

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NUR-35/35/13-IP12R	IP12R	- - -	- - -	- - -	- - -

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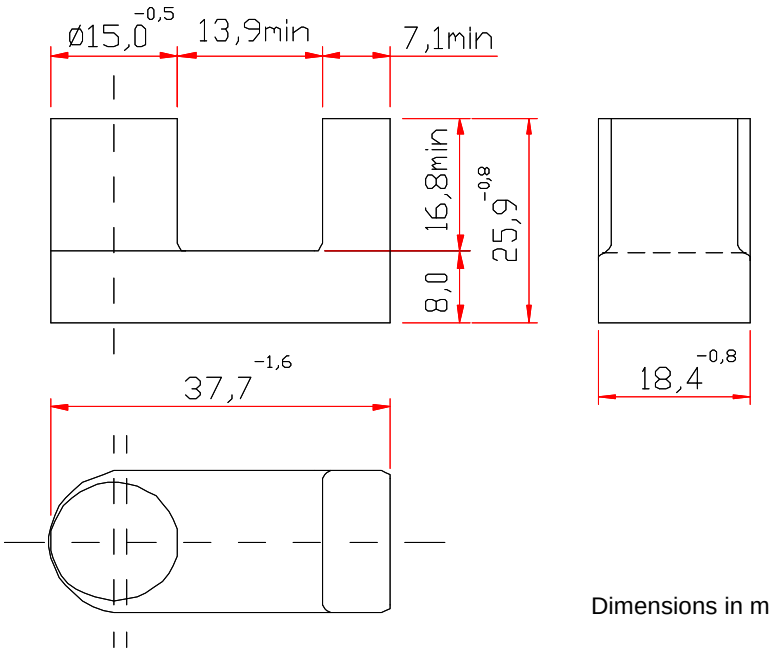
Eletrônica Ltda

NUR-37/26/18

Effective Core Parameters:

S I/A	0,83	mm-¹
Le	125,0	mm
Ae	150,0	mm ²
Amin	- - -	mm ²
Ve	18750,0	mm ³

Weight Approx. (piece) 51,2 g



Dimensions in mm

WITHOUT GAP

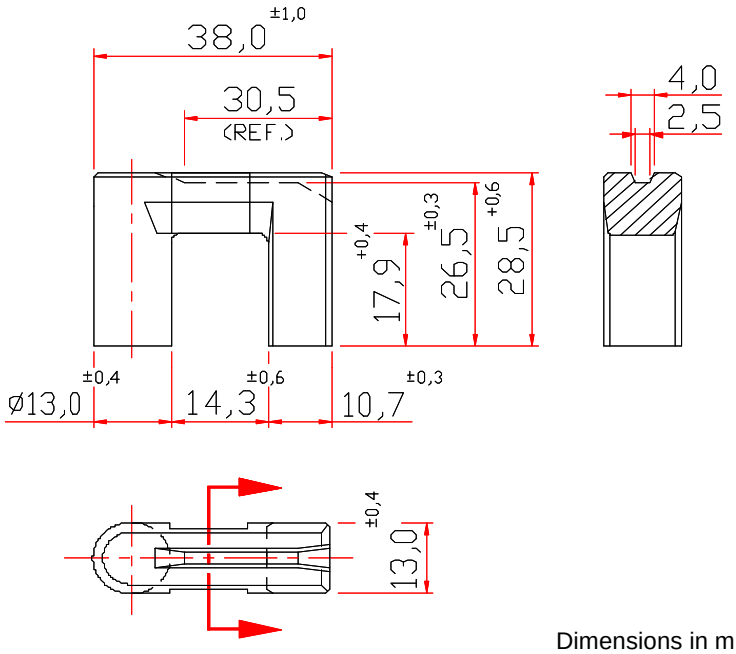
DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NUR-37/26/18-IP6	IP6	- - -	- - -	- - -	- - -

NUR-38/28/13

Effective Core Parameters:

S I/A	1,034	mm-¹
Le	136,42	mm
Ae	131,99	mm ²
Amin	- - -	mm ²
Ve	18006,15	mm ³

Weight Approx. (piece) 45,0 g



Dimensions in mm

WITHOUT GAP

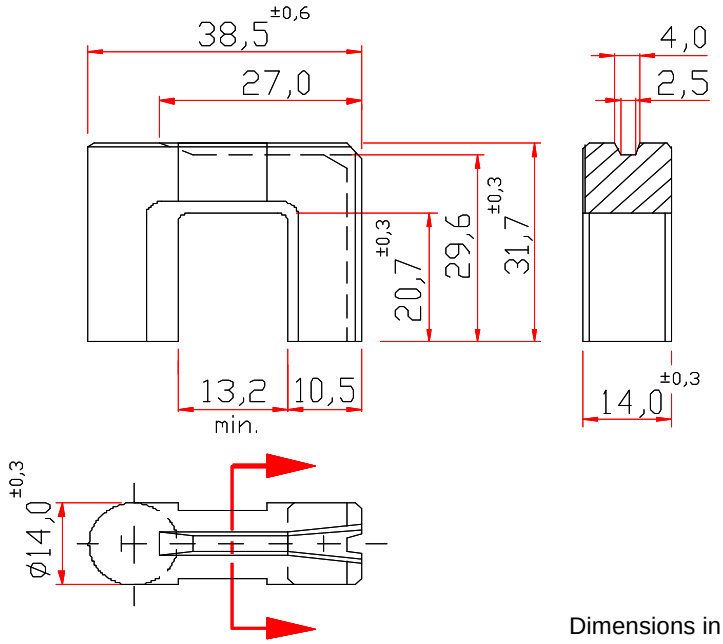
DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NUR-38/28/13-IP12R	IP12R	- - -	- - -	- - -	- - -

NUR-38/32/14

Effective Core Parameters:

S I/A	1,011	mm-¹
Le	150,07	mm
Ae	148,39	mm ²
Amin	- - -	mm ²
Ve	22269	mm ³

Weight Approx. (piece) 54,5 g



Dimensions in mm

WITHOUT GAP

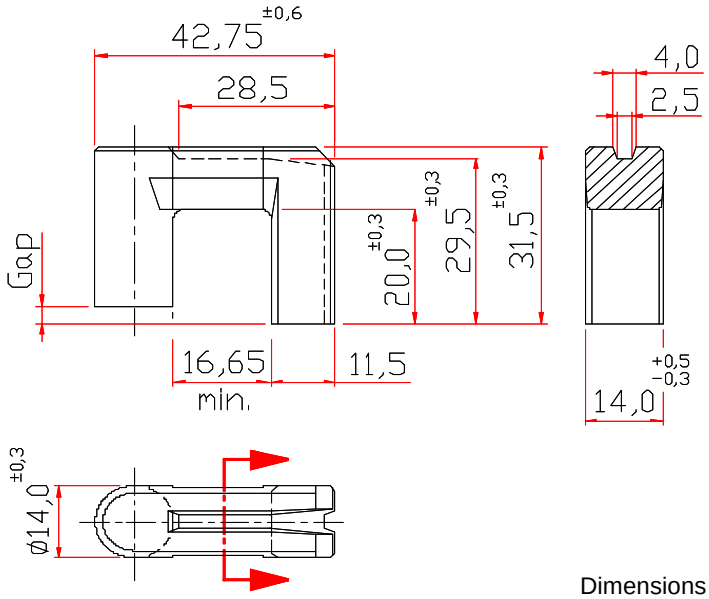
DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NUR-38/32/14-IP6	IP6	- - -	- - -	- - -	- - -
NUR-38/32/14-IP12R	IP12R	- - -	- - -	- - -	- - -

NUR-42/32/14

Effective Core Parameters:

S I/A	0,991	mm-¹
Le	154,46	mm
Ae	155,87	mm ²
Amin	- - -	mm ²
Ve	24075	mm ³

Weight Approx. (piece) 59,3 g



Dimensions in mm

WITHOUT GAP

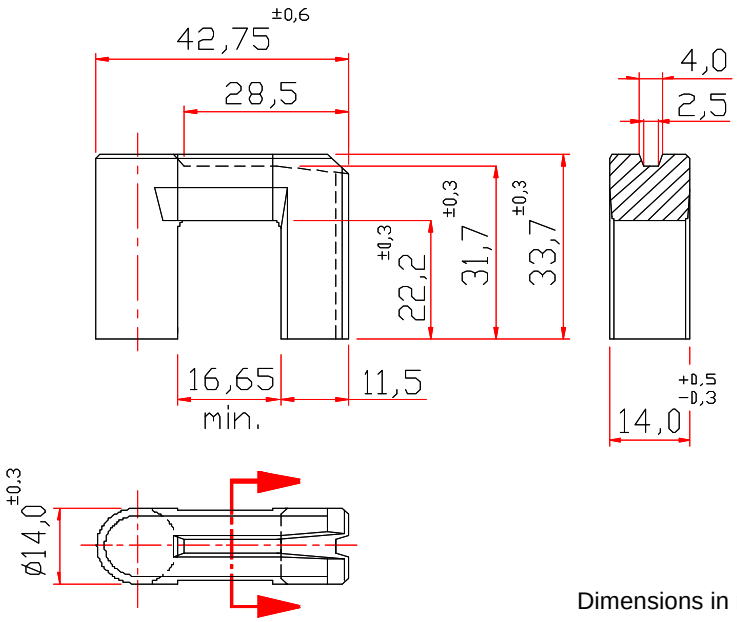
DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NUR-42/32/14-IP12R	IP12R	- - -	- - -	- - -	- - -

NUR-42/34/14

Effective Core Parameters:

S I/A	1,051	mm-¹
Le	163,25	mm
Ae	155,3	mm ²
Amin	- - -	mm ²
Ve	25353	mm ³

Weight Approx. (piece) 62,5 g



Dimensions in mm

WITHOUT GAP

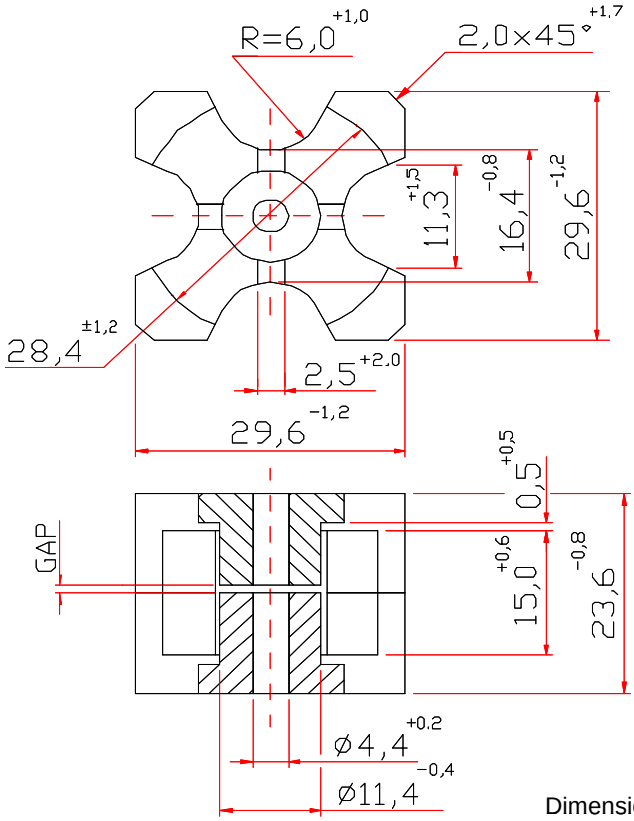
DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NUR-42/34/14-IP6	IP6	- - -	- - -	- - -	- - -
NUR-42/34/14-IP12R	IP12R	- - -	- - -	- - -	- - -

NX-30

Effective Core Parameters:

S I/A	0,49	mm-¹
Le	55,0	mm
Ae	114,0	mm ²
Amin	- - -	mm ²
Ve	6300,0	mm ³

Weight Approx. (piece) 19,0 g



Dimensions in mm

WITH GAP

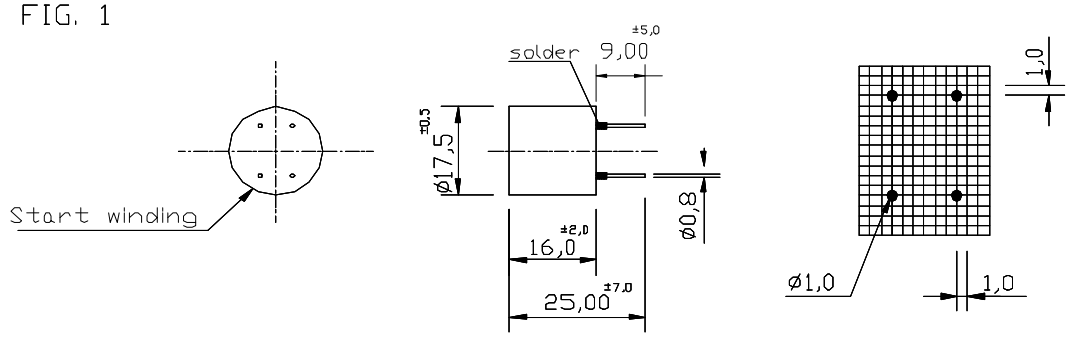
DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NX-30-260-IP6I2	IP612	260	± 2	0,50	101
NX-30-1000-IP6	IP6	1000	± 10	0,07	390
NX-30-2000-IP6	IP6	2000	± 10	0,02	780

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NX-30-3000-IP6	IP6	3000	+30 / -20	- - -	1169
NX-30-4200-IP6I2	IP6I2	4200	+30 / -20	- - -	1637

COMPONENT - TP

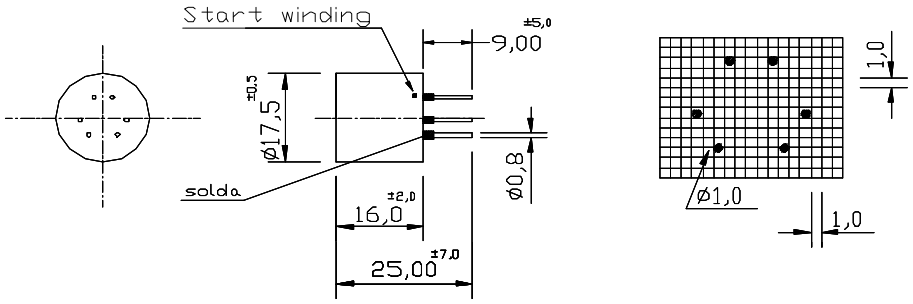
FIG. 1



Weldable Terminal

Dimensions in mm

FIG. 2



Weldable Terminal

Dimensions in mm

FIG.	MODEL	WEIGHT ~ g	DESCRIPTION ORDER
1	Pulse Transformers	7,80	TP-1:1 / 4T
2	Pulse Transformers	8,00	TP-1:1:1 / 6T

ELECTRONICS CHARACTERISTIC OF TP-1:1 AND TP-1:1:1	
Resistance Winding Maximum	0,20 Ohms
Inductance Minimum	0,40 mH
Capacitance between winding	6,50 pF
Voltage Maximum between winding	250 Vca
Test Voltage	700 Vca
Time of ascension of pulse with transit 2N2646 (junction)	the least of 0,5 microseconds

THORNTON
Thornton
Eletrônica Ltda

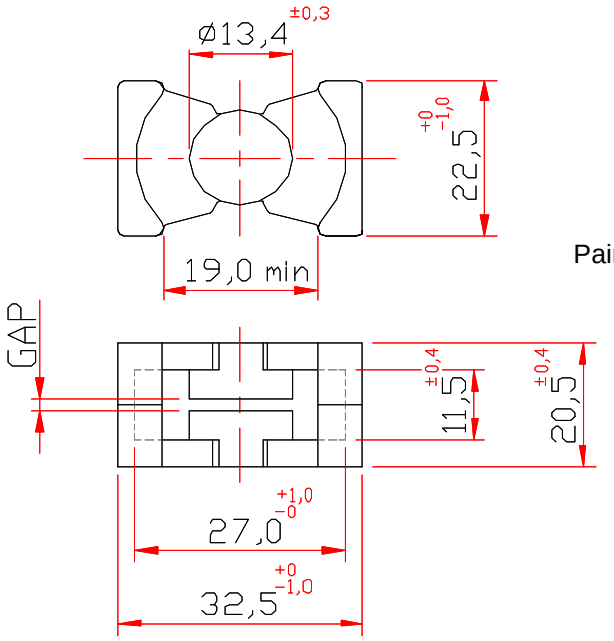
NPQ-32/20

Effective Core Parameters:

S I/A	0,330	mm-¹
Le	53,9	mm
Ae	163,13	mm ²
Amin	140,1	mm ²
Ve	8792,7	mm ³

Weight Approx. (piece) 20,8 g

ACCESSORIES NPQ-32/20
click here



Pair mounted

Dimensions in mm

WITH GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NPQ-32/20-245-IP12E	IP12E	245	± 10	0,85	64,31

WITHOUT GAP

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NPQ-32/20-5500-IP12E	IP12E	5500	±25	- - -	1443

Others AL's by consulting

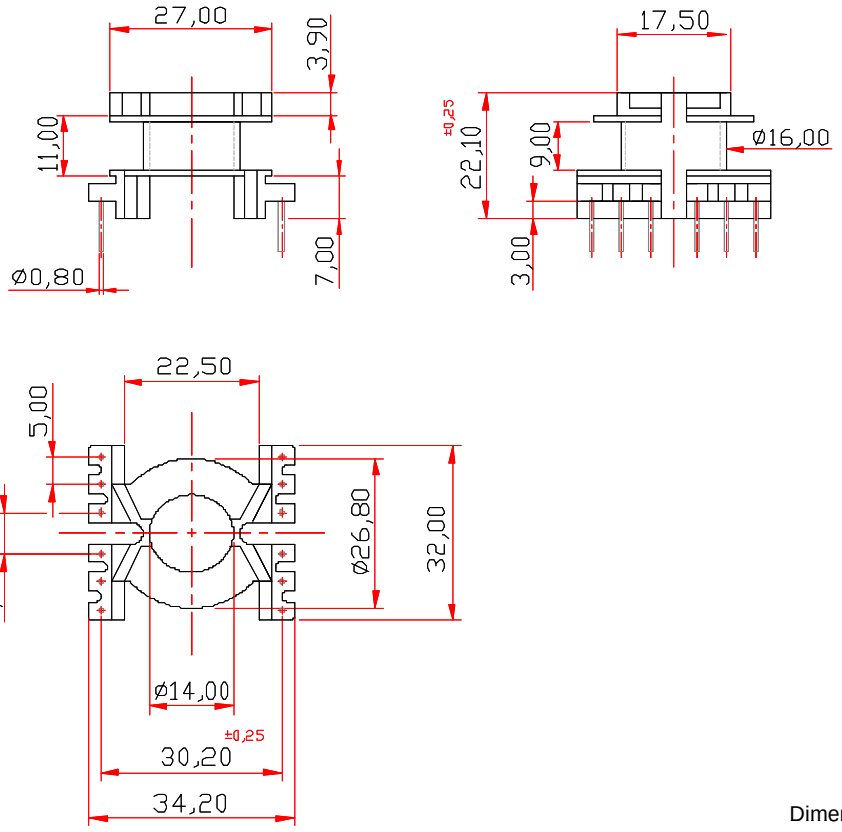
THORNTON

Thornton
Eletrônica Ltda

ACCESSORIES - NPQ-32/20

COIL FORMER

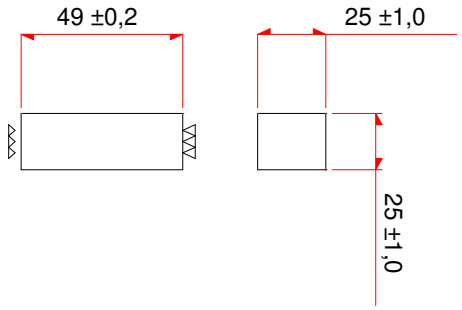
NPQ-32/20
click here



Dimensions in mm

DESCRIPTION ORDER	TERMINALS	WEIGHT ~ g	MATERIAL
C-PQ-32/20-1/12-BAQ	12	5,15	Bakelite

NI-49/25/25

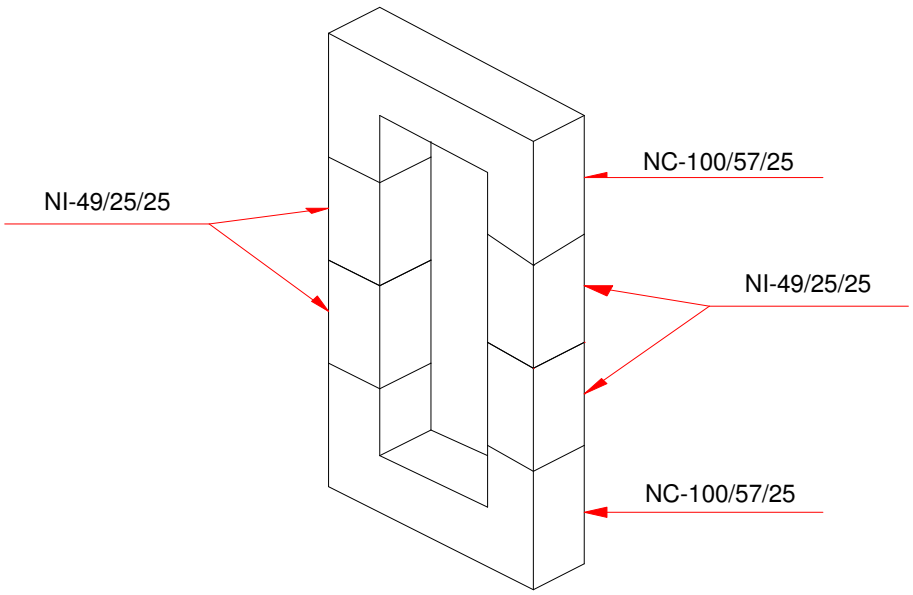


Weight Approx. (piece) 150 g

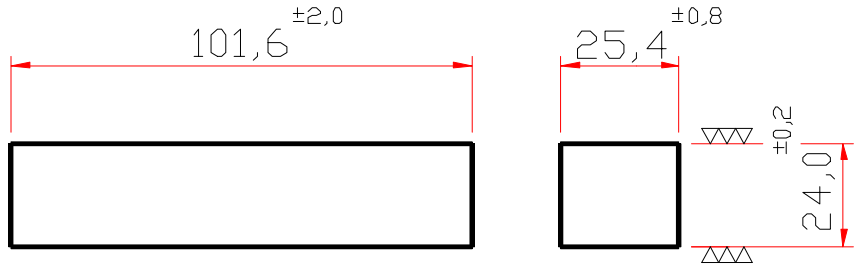
Dimensions in mm

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol.%	~g [mm]	~ µe
NI-49/25/25-IP12E	IP12E	- - -	- - -	- - -	- - -

Option of mounting being 1, 2 or 3 NI-49/25/25 with that of NC-100/57/25



NI-100/24/25



Weight Approx. (piece) 290 g

Dimensions in mm

DESCRIPTION ORDER	MATERIAL	Al [nH]	Tol. %	~g [mm]	~ µe
NI-100/24/25-IP12E	IP12E	- - -	- - -	- - -	- - -
NI-100/24/25-IP6	IP6	- - -	- - -	- - -	- - -

Options for mounting