



PIEMME ELEKTRA SRL

TRASFORMATORI

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Updates:

Rev.	Modifications	Date	Approval
02	Modified test conditions	29/08/24	Maurizio Parlione
01	Issue	15/04/24	Maurizio Parlione
00	DRAFT	02/02/24	Maurizio Parlione

SPECIFICATION / DATA SHEET					
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Electrical Properties:

Properties		Test Conditions	Value	Unit	Tol.
Number of windings	N	-	2	-	-
Rated Current	Ir	@ 70°C	3	A	Max
Working frequency	F	-	400	Hz	+/-20%
Inductance	L	10kHz 100mV	58	mH	+/-40%
DC Resistance	Rdc	@ 20°C	70	mOhm	Max
Power Loss	WI	@ 70°C – 3A	2	W	Max
Self Resonant Frequency	SRF	-	320	kHz	+/-20kHz
Impedance	Z	150kHz	20	kOhm	Typ.
Common Mode Typical Attenuation	Att.	@150kHz 50 Ohm	48	dB	Typ.
Insulation Test Voltage	Vt	50Hz/1mA/10 sec	1500	Vac	-
Insulation resistance	Ir	500VDC	10	MOhm	Min

Certification/Compliance:

RoHS 	Compliant (2011/65/EU & 2015/863)
REACH 	Conform or declared (EC 1907/2006)
Flammability	UL94-V0 Compliant
MIL-PFR-27 – Transformer and Inductor – General Specification For	Compliant
MIL-STD-202 – Test Method Standard – Electronic end Electrical Component Parts	
IPC-A-610D – Acceptability of Electronic Assemblies	

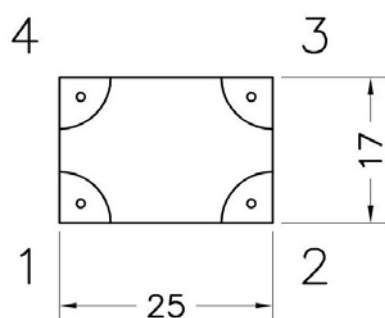
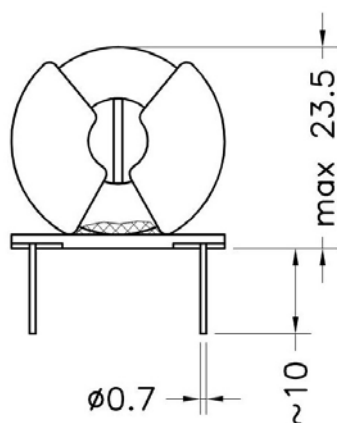
General Properties:

Ambient Temperature (referring to Ir)	-40 up to +85°C
Operating Temperature	-40 up to +125°C
Temperature Rise	Max 70°C
Storage Conditions (in original packaging)	< 40°C - <75% RH
Weight	33gr

All values and tolerance refer to room temperature if not specified differently

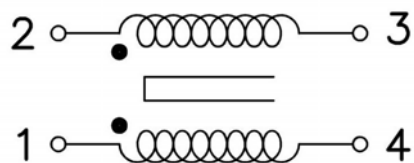
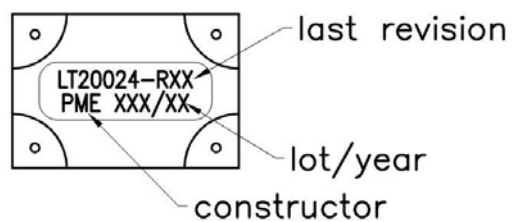
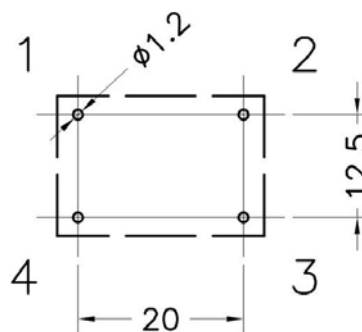
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Dimensions (mm):**BOTTOM VIEW**

Dimensions in millimeters

General Tolerance DIN ISO 2768-C

Schematic:**Marking:****BOTTOM VIEW****Recommended Hole Pattern (mm):****TOP VIEW**

Dimensions in millimeters

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