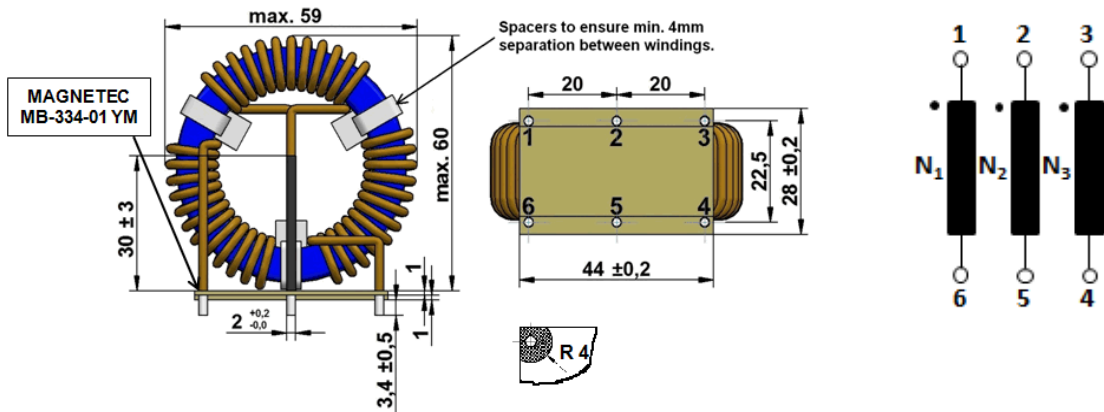


FORM Identifier: F 190 Revision: 02 Page: 1/1	Product specification for Inductive Components	MAGNETEC GmbH Industriestrasse 7 D-63505 Langenselbold
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Client:	MAGNETEC	Magnetec P/N:	MB-334	Magnetec A/N:	12581
Client's p/n:		PS Index:	01	PS Revision:	03
Subject:	EMC Component			Type:	E

1.1 Mechanical outline	Wiring diagram
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Tolerances: +/- 0,3mm
 The pins # 1, 3, 4, 6 are fixed by soldering (pretinned copper pad diameter 8mm),
 the pins # 2, 5 by glue.

2. Nominal values			
Core material:	NANOPERM®	Wire Resistance:	<= 4,3 mOhms
Nominal voltage:	480 Veff AC	High voltage strength:	Up,eff = 2,5 kV
Nominal inductance:	3 x 1,7 mH	Operating temperature:	-40 ... +60 °C
Nominal current:	3 x 20 A	Storage temperature:	-40 ... +85 °C
Leakage inductances:	ca. 15 µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = N3 = 13	Wire diameter:	2,0 mm
Comments:	Max. allowed choke surface temperature : +120°C		

3. Inspection values			
	Measured value	Measuring limits	Measuring configurations
	Inductivity L 1; L2; L3 [mH]	1,1 - 2,7	f = 10 kHz
	Wire resistance Rcu 1; Rcu2; Rcu3 [mOhms]	NA - 4,3	RT = 25°C
	HV strength between N 1; N2; N3 / Iiso < 1mA	OK - NOK	Up,eff = 2,5 kV
	Mechanical dimensions [mm]	OK - NOK	Ueff = 100 mV AC
		-	IDC = 10A
			t = 2 s

4. Others	
Marking:	MAGNETEC MB-334-01 YM (YM = Year/Month), acc. to IEC 62 5.1
Packaging:	6 pcs. per layer, 4 layers per carton box; PU = 24 pcs.
Comments:	

Index / Rev.	Alteration	Date
01 / 01	Product Specification	30.11.2011
01 / 02	Leakage inductance modified	05.10.2012
01 / 03	Assembly and dimension change	21.02.2013

Created:	Z. Palánki	Approved (Techn):	F. Zámorszky	Approved (Quality):	J. Gulyás	Released:	F. Rauscher
	21.02.2013		28.02.2013		28.02.2013		28.02.2013