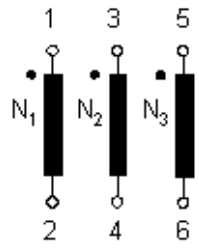
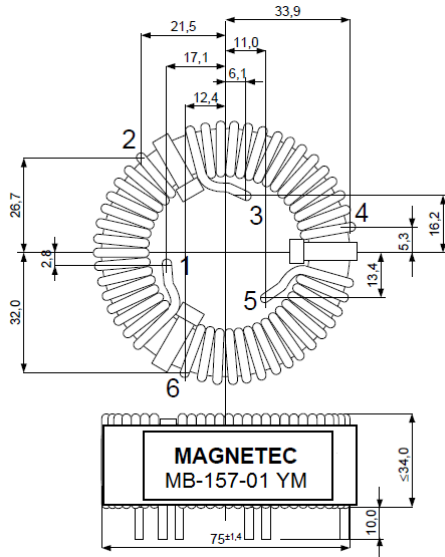


FORM Identifier: F 190 Revision: 02 Page: 1/1	Product specification for Inductive Components	MAGNETEC GmbH Industriestrasse 7 D-63505 Langenselbold
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Client:	MAGNETEC	Magnetec P/N:	MB-157	Magnetec A/N:	12175
Client's p/n:	/	PS Index:	01	PS Revision:	05
Subject:	EMC Component			Type:	

1.1 Mechanical outline	Wiring diagram
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Tolerance of pin distance: ±2mm. Other tolerances: ±0,3mm
 Position of cable tie terminal clip is on the lower side of the core's inner perimeter.

2. Nominal values			
Core material:	NANOPERM®	Wire Resistance:	<= 5,5 mOhms
Nominal voltage:	460 Veff AC	High voltage strength:	Up,eff = 2,5 kV
Nominal inductance:	3 x 6,2 mH	Operating temperature:	-40 ... +50 °C
Nominal current:	36* A	Storage temperature::	-40 ... +85 °C
Leakage inductances:	ca. 22 µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = N3 = 15	Wire diameter:	2,36 mm
Comments:	* forced cooling assumed		

3. Inspection values			
	Measured value	Measuring limits	Measuring configurations
	Inductivity L 1; L2; L3 [mH]	3,1 - 8,3	f = 10 kHz Ieff = 1 mA
	Wire resistance Rcu 1; Rcu2; Rcu3 [mOhms]	NA - 5,5	RT = 25°C
	HV strength between N 1; N2; N3 / Iiso<1mA	OK - NOK	Up,eff = 2,5 kV t = 2 s
		-	
		-	

4. Others	
Marking:	MAGNETEC MB -157-01 YM (YM = Year/Month), acc. to IEC 62 5.1
Packaging:	6 pcs. per layer, 3 layers per carton box ; PU = 18 pcs.
Comments:	

Index / Rev.	Alteration	Date
01 / 02	PU = 18 pcs.	28.10.2002
01 / 03	RoHS conformity	03.10.2005
01 / 04	New format	08.06.2012
01 / 05	Nr. of coils corrected	2015.06.10

Created:	Z. Palánki	Approved (Techn):	F. Zámorszky	Approved (Quality):	J. Gulyás	Released:	T. Trupp
	2015.06.10		05.08.2015		05.08.2015		05.08.2015