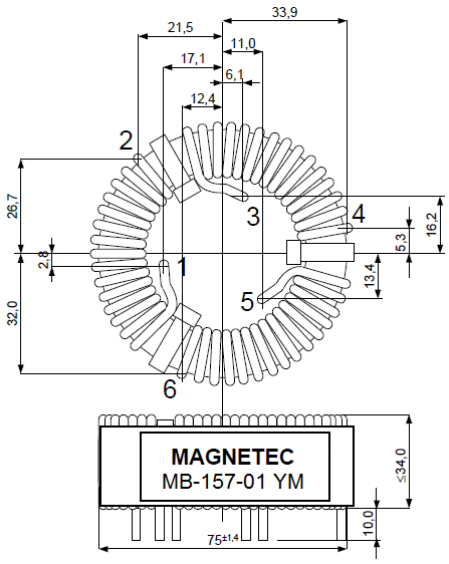
Magnetec	**Product specification for Inductive Components**	Form: Revision:	MF04.07 (F190) 02

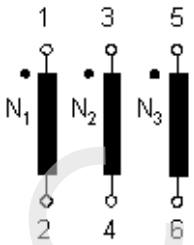
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Client:	**MAGNETEC**	**Magnetec P/N:**	**MB-157**		
Client's p/n:	/	**PS Index:**	**01**	**PS Revision:**	05
Subject:	**EMC Component**				

1. Mechanical outline



Wiring diagram



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®**	High voltage strength:	**Up,eff = 2,5 kV**
Nominal voltage:	**460 Veff AC**	Ambient temperature:	**-40 ... +50 °C**
Nominal inductance:	**3 x 6,2 mH**	Max. operating temperature:	**°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 (at room temperature, unless otherwise stated)

Measured value	Measuring limits	Measuring configurations	
Inductivity L1; L2; L3 [mH]	**3,1 - 8,3**	**f = 10 kHz**	**Ieff = 1 mA**
Wire resistance Rcu1; Rcu2; Rcu3 [mOhms]	**NA - 5,5**	**RT = 25°C**	
HV strength between N1; 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:	Visit http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf for further information.

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 2015.06.10	**Approved (Techn):**	F. Zámborszky 05.08.2015	**Approved (Quality):**	J. Gulyás 05.08.2015	**Released:**	T. Trupp 05.08.2015

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