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

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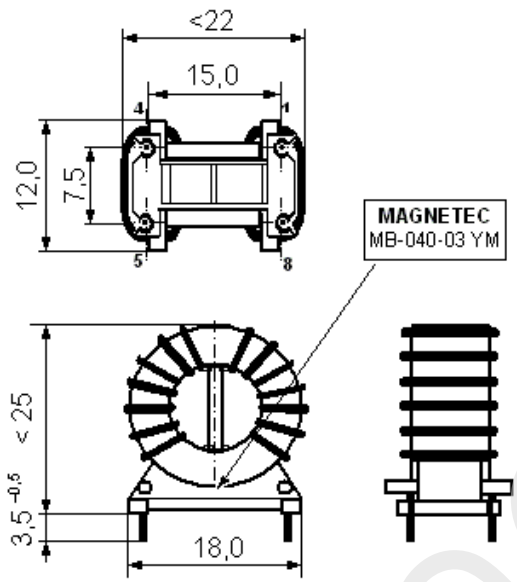
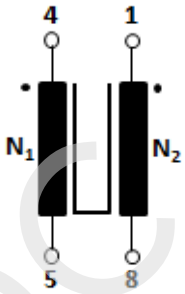
Client:	**MAGNETEC**	**Magnetec P/N:**	**MB-040**		
Client's p/n:	/	**PS Index:**	**03**	**PS Revision:**	03
Subject:	**EMC Component**				

1. Mechanical outline



Wiring diagram



2. Nominal values

Core material:	**NANOPERM®**	High voltage strength:	**Up,eff = 2,5 kV**
Nominal voltage:	**250 Veff AC**	Ambient temperature:	**-40 ... +60 °C**
Nominal inductance:	**2 x 7,5 mH**	Max. operating temperature:	**°C**
Nominal current:	**5 A**	Storage temperature:	**-40 ... +85 °C**
Leakage inductances:	**ca. 10 µH**	Design standard:	**EN 60938-1**
No. of turns:	**N1 = N2 = 13**	Wire diameter:	**0,71 mm**
Comments:			

3. Inspection values (at room temperature, unless otherwise stated)

Measured value	Measuring limits	Measuring configurations	
Inductivity L1; L2 [mH]	**4,1 - 10,3**	**f = 10 kHz**	**Ieff = 1 mA**
Wire resistance Rcu1; Rcu2 [mOhms]	**NA - 20,0**	**RT = 25 °C**	
Checking high voltage strength	**OK - NOK**	**Up,eff = 2,5 kV**	**t = 2 s**
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	-		

4. Others

Marking:	**MAGNETEC MB-040-03 YM (YM = Year/Month), acc. to IEC 60062 6.1.1**
Packaging:	**60 pcs. per layer, 6 layers per carton box; PU = 360 pcs.**
Comments:	Visit http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf for further information.

Index / Rev.	Alteration	Date
01S / prel.	Sample	07.09.2000
02 / 00	Product Specification	25.01.2002
03 / 01	PU = 300 pcs / RoHS conform	05.03.2007
03 / 02	PU = 360 pcs	26.04.2007
03 / 03	No. of turns and wire diamter given	04.12.2014

Created:	Z. Palánki 04.12.2014	**Approved (Techn):**	F. Zámborszky 12.01.2015	**Approved (Quality):**	J. Gulyás 12.01.2015	**Released:**	T. Trupp 12.01.2015

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