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

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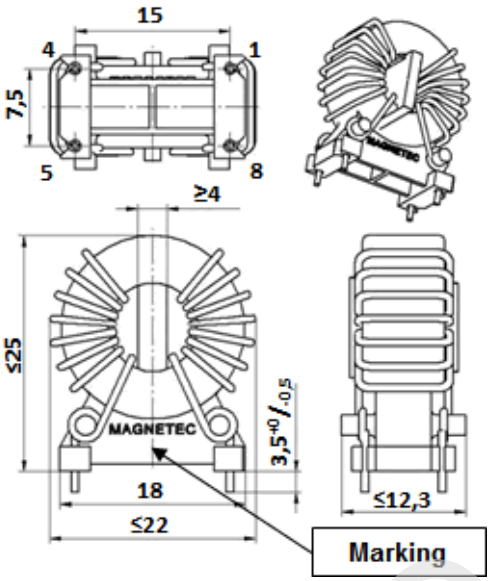
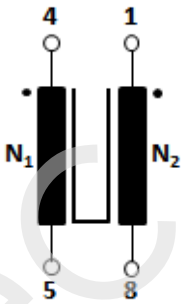
Client:	**MAGNETEC**	**Magnetec P/N:**	**MB-632**		
Client's p/n:	/	**PS Index:**	**01**	**PS Revision:**	01
Subject:	**EMC Component**				

1. Mechanical outline



Wiring diagram



2. Nominal values

Core material:	**NANOPERM®**	High voltage strength:	**Up,eff = 2,5 kV**
Nominal voltage:	**500 Veff AC**	Ambient temperature:	**-40 ... +70 °C**
Nominal inductance:	**2 x 2,4 mH**	Max. operating temperature:	**°C**
Nominal current:	**14 A**	Storage temperature:	**-40 ... +85 °C**
Leakage inductances:	**ca. 3 µH**	Design standard:	**EN 60938-1**
No. of turns:	**N1 = N2 = 8**	Wire diameter:	**0,9 mm**
Comments:			

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

Measured value	Measuring limits	Measuring configurations	
Inductivity L1; L2 [mH]	**1,56 - 3,47**	**f = 10 kHz**	**Ueff = 0,1 V**
Inductivity L1; L2 [mH]	**0,5 - NA**	**f = 100 kHz**	**Ueff = 0,1 V**
Wire resistance Rcu1; Rcu2 [mOhms]	**0 - 8**	**T = 23±3°C**	
HV strength between N1; N2 / Iiso<1mA	**OK - NOK**	**Ueff = 2,5 kV**	**t = 2 s**
	-		

4. Others

Marking:	**MAGNETEC MB-632-01 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
01 / 01	First issue	10.06.2015

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