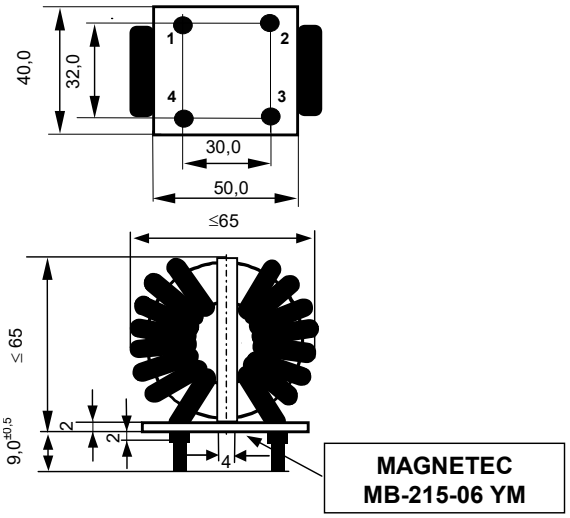
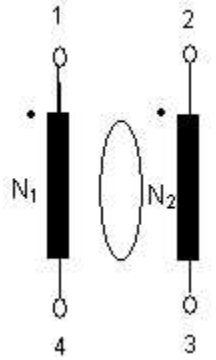
Magnetec	Product specification for Inductive Components	Form: Revision:	MF04.07 (F190) 01

Client:	MAGNETEC GmbH	Magnetec P/N:	MB-215	Magnetec A/N:	12387
Client's p/n:	/	PS Index:	06	PS Revision:	04
Subject:	EMC Component				

1. Mechanical outline



Wiring diagram



2. Nominal values

Core material:	NANOPERM®	High voltage strength:	Up,eff = 1,25kV
Nominal voltage:	275 Veff AC	Ambient temperature:	-40 ... +85 °C
Nominal inductance:	2 x 14 mH	Max. operating temperature:	°C
Nominal current:	25* A	Storage temperature:	-40 ... +85 °C
Leakage inductances:	ca. 40 µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = 23 turns	Wire diameter:	mm
Comments:	* forced cooling		

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

Measured value	Measuring limits	Measuring configurations	
Inductivity L1; L2 [mH]	8,5 - 21,3	f = 10 kHz	Ieff = 1 mA
Wire resistance Rcu1; Rcu2 [mOhms]	- <= 7,0	RT = 25 °C	
HV strength between N1 and N2 / Iiso<1mA	OK - NOK	Up,eff = 1,25 kV	t = 2 s
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4. Others

Marking:	MAGNETEC MB-215-06 YM (Y= production year; M=month)
Packaging:	6 pcs. per layer, 2 layers per carton box; PU = 12 pcs.
Comments:	Visit http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf for further information.

Index / Rev.	Alteration	Date
05 / 01	Product specification; PU = 18 pcs.	04.01.2007
06 / 02	Cased core M-475	06.02.2007
06 / 03	PU = 12 pcs.	09.03.2007
06 / 04	Drawing modification	15.05.2007

Created:	Á. Kovách 15.05.2007	Approved (Techn):	F. Zámborszky 16.05.2007	Approved (Quality):	V. Kaposztas 16.05.2007	Released:	F. Rauscher 16.05.2007