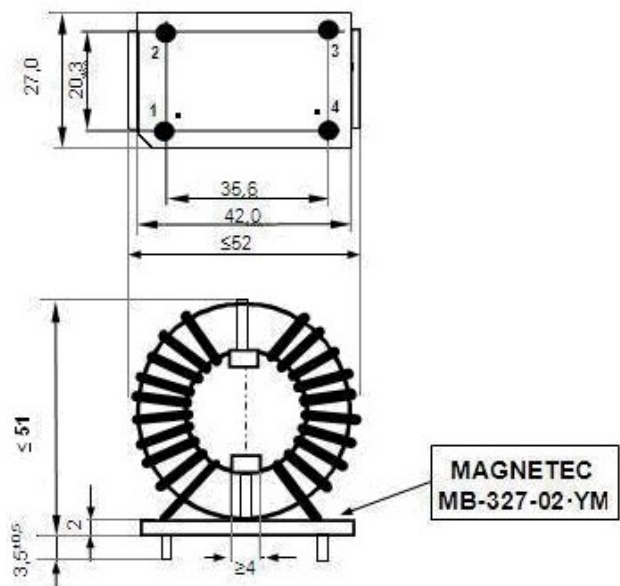
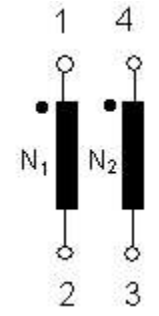


Product specification for Inductive Components

Form: MF04.07 (F190)
Revision: 01

Client:	MAGNETEC GmbH	Magnetec P/N:	MB-327	Magnetec A/N:	12516
Client's p/n:	/	PS Index:	02	PS Revision:	03
Subject:	EMC Component				

<p>1. Mechanical outline</p> 	<p>Wiring diagram</p> 
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2. Nominal values			
Core material:	NANOPERM®	High voltage strength:	Up,eff = 2,5kV
Nominal voltage:	500 Veff AC	Ambient temperature:	-40 ... +60 °C
Nominal inductance:	2 x 6,3 mH	Max. operating temperature:	°C
Nominal current:	30* A	Storage temperature:	-40 ... +85 °C
Leakage inductances:	ca. 35 µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = 8 turns	Wire diameter:	mm
Comments:	* forced air cooling assumed		

3. Inspection values (at room temperature, unless otherwise stated)			
Measured value	Measuring limits	Measuring configurations	
Inductivity L1; L2 [mH]	3,8 - 9,5	f = 10 kHz	Ueff = 1,5 V
Wire resistance Rcu1; Rcu2 [mOhms]	NA - 2,7	RT = 25 °C	
HV strength between N1 and N2 / liso<1mA	OK - NOK	Up,eff = 2,5 kV	t = 2 s
	-		
	-		

4. Others	
Marking:	MAGNETEC MB-327-02 YM (Y= production year; M=month)
Packaging:	20 pcs. per layer, 2 layers per carton box; PU = 40 pcs.
Comments:	Visit http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf for further information.

Index / Rev.	Alteration	Date
02 / 01	Product Specification	08.04.2010

02 / 02	Panel drawing change	25.05.2010
02 / 03	Choke height <= 51mm	31.05.2010

Created:	Zs. Eperjesi	Approved (Techn):	F. Zámorszky	Approved (Quality):	V. Kaposztas	Released:	F. Rauscher
	31.05.2010		31.05.2010		31.05.2010		31.05.2010

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