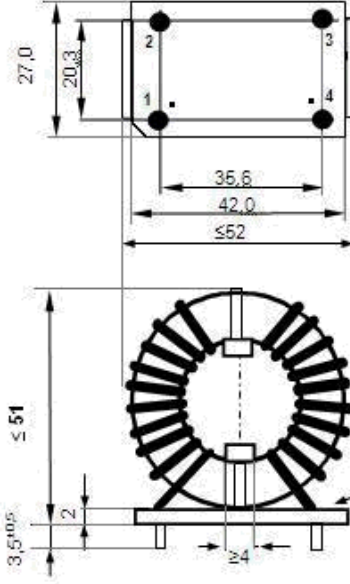
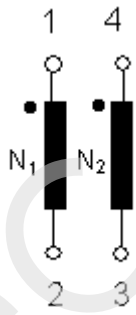


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Client:	MAGNETEC GmbH	Magnetec P/N:	MB-327		
Client's p/n:	/	PS Index:	02	PS Revision:	03
Subject:	EMC Component				

1. Mechanical outline		Wiring diagram	
			
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
Wire resistance Rcu1; Rcu2 [mOhms]		NA - 2,7	RT = 25 °C
HV strength between N1 and N2 / Iiso<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 31.05.2010	Approved (Techn):	F. Zámboreszky 31.05.2010	Approved (Quality):	V. Kaposztas 31.05.2010	Released:	F. Rauscher 31.05.2010
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