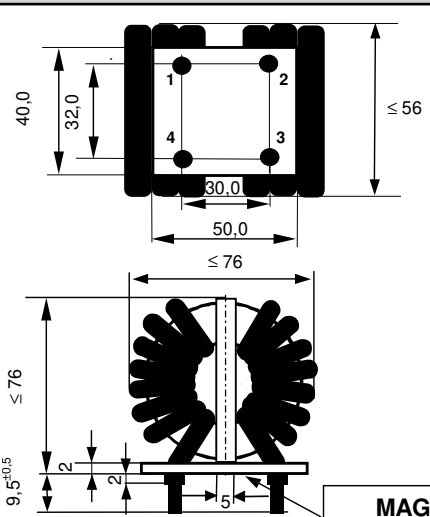
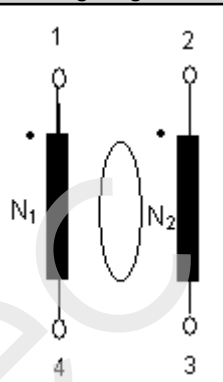


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Client:	MAGNETEC GmbH	Magnetec P/N:	MB-229		
Client's p/n:	/	PS Index:	03	PS Revision:	06
Subject:	EMC Component				

1. Mechanical outline	Wiring diagram
 <p>MAGNETEC MB-229-03 YM</p>	

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 33 mH	Max. operating temperature:	°C
Nominal current:	25* A	Storage temperature:	-40 ... +85 °C
Leakage inductances:	ca. 60 µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = 24 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]	17,0 - 48,0	f = 10 kHz	Ieff = 1 mA
Wire resistance Rcu1; Rcu2 [mOhms]	- <= 10,0	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-229-03 YM (Y= production year; M=month)
Packaging:	4 pcs. per layer, 2 layers per carton box; PU = 8 pcs.
Comments:	Visit http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf for further information.

Index / Rev.	Alteration	Date
03 / 04	Pin diameter <= 4,5 mm; PU = 10 pcs.	01.03.2007
03 / 05	Choke dimensions 76 x 76 x 56 mm; PU = 8 pcs.	23.03.2007
03 / 06	Revised spacer construction	15.05.2007

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

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