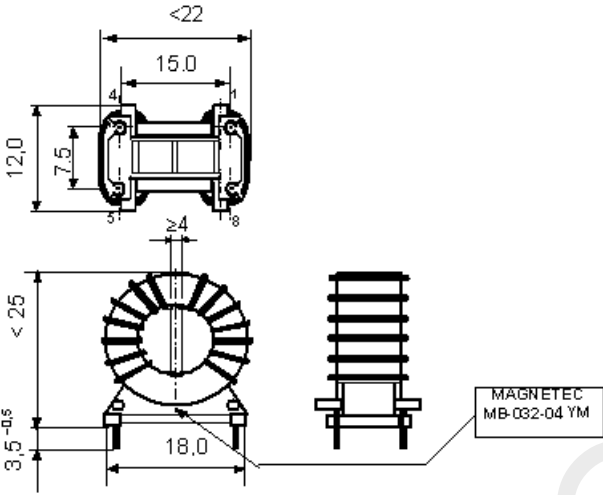
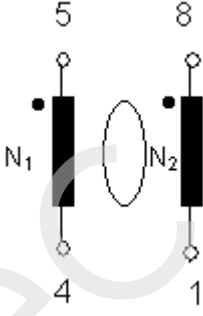


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Client:	MAGNETEC	Magnetec P/N:	MB-032		
Client's p/n:	/	PS Index:	04	PS Revision:	06
Subject:	EMC Component				

1. Mechanical outline	Wiring diagram
 Tolerance of pin distance: $\pm 0,3\text{mm}$	
	

2. Nominal values			
Core material:	NANOPERM®	High voltage strength:	Up,eff = 2,5 kV
Nominal voltage:	500 Veff AC	Ambient temperature:	-40 ... +60 °C
Nominal inductance:	2 x 2,8 mH	Max. operating temperature:	°C
Nominal current:	10* A	Storage temperature:	-40 ... +85 °C
Leakage inductances:	ca. 3 µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = 8 turns	Wire diameter:	0,9 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]	1,7 - 4,1	f = 10 kHz	Ieff = 1 mA
Wire resistance Rcu1; Rcu2 [mOhms]	NA - 7,0	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-032-04 YM (YM = Year/Month), acc. to IEC 62 5.1
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 / 00	Product specification	23.02.2001
02 / 01	Case MT-008	31.08.2001
02 / 02	PU = 315 pcs.	25.07.2005
03 / 03	Wire diameter 0.9 mm / PU = 240 pcs.	28.02.2007
03 / 04	PU = 300 pcs.	05.03.2007
03 / 05	PU = 360 pcs.	24.04.2007
04 / 06	Nominal voltage 500 Veff; Clearance >= 4 mm; Spacer glued to case	25.11.2010

Created:	Zs. Eperjesi	Approved (Techn):	F. Zámbozsky	Approved (Quality):	V. Kaposztas	Released:	F. Rauscher
	25.11.2010		14.12.2010		14.12.2010		14.12.2010

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