

<b>FORM</b> Identifier: F 190 Revision: 01 Page: 1/1	<b>Product specification for Inductive Components</b>	<b>MAGNETEC GmbH</b> Industriestrasse 7 D-63505 Langenselbold
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<b>Client:</b>	MAGNETEC GmbH	<b>Magnetec P/N:</b>	MB-032	<b>Magnetec A/N:</b>	12067
<b>Client's p/n:</b>	/	<b>PS Index:</b>	04	<b>PS Revision:</b>	06
<b>Subject:</b>	EMC Component			<b>Type:</b>	E

1.1 Mechanical outline	1.2 Wiring diagram
	<p> <input checked="" type="checkbox"/> Date code acc. to IEC 62 5.1 (YM)  <input type="checkbox"/> Date code acc. to IEC 62 5.2 (YW)  <input checked="" type="checkbox"/> RoHS compliant acc. to 2002/95/EC     </p>

2. Nominal values			
Core material:	NANOPERM®	Wire Resistance:	$\leq 7,0$ mOhms
Nominal voltage:	500 V <sub>eff</sub>	High voltage strength:	Up,eff = 2,5 kV
Nominal inductance:	2 x 2,8 mH	Operating temperature:	-40 ... +60 °C
Nominal current:	10* A	Storage temperature:	-40 ... +85 °C
Leakage inductances:	ca. 3 µH	Standard:	EN 60938-1
Comments:	N1 = N2 = 8 turns * Forced air cooling assumed		

3. Inspection values			
	Measured value	Measuring limits	Measuring configurations
Inductivity L1; L2 [mH]		1,7 - 4,1	f = 10 kHz l <sub>eff</sub> = 1 mA
Wire resistance R <sub>cu</sub> 1; R <sub>cu</sub> 2 [mOhms]		0 - 7,0	RT = 25 °C
HV strength between N1 and N2 / I <sub>iso</sub> < 1mA		OK - NOK	Up,eff = 2,5 kV t = 2 s
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4. Others	
Marking:	MAGNETEC MB-032-04 YM ( date of fabrication year / month )
Packaging:	60 pcs. per layer, 6 layers per carton box; PU = 360 pcs.
Comments:	

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 V <sub>eff</sub> ; Clearance $\geq 4$ mm; Spacer glued to case	25.11.2010

<b>Created:</b>	Zs. Eperjesi 25.11.2010	<b>Approved (Techn):</b>	F. Zámorszky 14.12.2010	<b>Approved (Quality):</b>	V. Kaposztas 14.12.2010	<b>Released:</b>	F. Rauscher 14.12.2010
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