

<b>FORM</b> Identifier: F 190 Revision: 02 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-007	<b>Magnetec A/N:</b>	12011
<b>Client's p/n:</b>	/	<b>PS Index:</b>	02	<b>PS Revision:</b>	03
<b>Subject:</b>	EMC Component			<b>Type:</b>	

<b>1.1 Mechanical outline</b>	<b>Wiring diagram</b>

<b>2. Nominal values</b>			
Core material:	NANOPERM®	Wire Resistance:	<= 6 mOhms
Nominal voltage:	250 Veff AC	High voltage strength:	Up,eff = 2,5 kV
Nominal inductance:	2 x 6 mH	Operating temperature:	-40 ... +60 °C
Nominal current:	16 A	Storage temperature:	-40 ... +85 °C
Leakage inductances:	ca. 5 µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = 10	Wire diameter:	2x 1,12 mm
Comments:			

<b>3. Inspection values</b>				
	Measured value	Measuring limits	Measuring configurations	
	Inductivity L 1; L2 [mH]	4,0 - 9,5	f = 10 kHz	Ieff = 1 mA
	Wire resistance Rcu 1; Rcu2 [mOhms]	NA - 6,0	T=23±3°C	
	HV strength between N 1; N2 / Iiso<1mA	OK - NOK	Ueff = 2,5 kV	t = 2 s
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<b>4. Others</b>		
	Marking:	MAGNETEC MB-007-02 YM (YM = Year/Month), acc. to IEC 60062 6.1.1
	Packaging:	30 pcs. per layer, 4 layers per carton box ; PU = 120 pcs.
	Comments:	

Index / Rev.	Alteration	Date
02 / 00	Product Specification	19.01.2004
02 / 01	Separator MT-019.03	29.09.2004
02 / 02	New format	09.06.2011
02 / 03	Wire diameter correction: 2x 1,12mm	06.07.2015

<b>Created:</b>	Z. Palánki	<b>Approved (Techn):</b>	F. Záborszky	<b>Approved (Quality):</b>	J. Gulyás	<b>Released:</b>	T. Trupp
	06.07.2015		07.07.2015		07.07.2015		07.07.2015