


<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>	<b>MAGNETEC</b>	<b>Magnetec P/N:</b>	<b>MB-015</b>	<b>Magnetec A/N:</b>	<b>12125</b>
<b>Client's p/n:</b>	/	<b>PS Index:</b>	<b>03</b>	<b>PS Revision:</b>	<b>05</b>
<b>Subject:</b>	<b>EMC Component</b>			<b>Type:</b>	<b>E</b>

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

<b>2. Nominal values</b>			
Core material:	NANOPERM®	Wire Resistance:	≤ 1,8 mOhms
Nominal voltage:	250 Veff AC	High voltage strength:	Up,eff = 2,5 kV
Nominal inductance:	2 x 1,6 mH @ 10 kHz	Operating temperature:	-40 ... +60 °C
Nominal current:	22/28* A	Storage temperature::	-40 ... +85 °C
Leakage inductances:	ca. 2 µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = 5	Wire diameter:	2x 1,32 mm
Comments:	* in case of forced cooling		

<b>3. Inspection values</b>			
	Measured value	Measuring limits	Measuring configurations
	Inductivity L 1; L2 [mH]	1,04 - 2,31	f = 10 kHz
	Wire resistance Rcu 1; Rcu2 [mOhms]	NA - 1,8	RT = 25 °C
	HV strength between N 1 and N2 / Iiso < 1mA	OK - NOK	Up,eff = 2,5 kV
		-	Ieff = 1 mA
		-	t = 2 s

<b>4. Others</b>	
	Marking: <b>MAGNETEC MB -015-03 YM (YM = Year/Month), acc. to IEC 60062 6.1.1</b> Packaging: <b>30 pcs. per layer, 4 layers per carton box ; PU = 120 pcs.</b> Comments:

Index / Rev.	Alteration	Date
03 / 03	LN format	15.02.2013
03 / 04	Wiring diagram corrected	08.04.2013
03 / 05	Inductivity change	04.08.2014

<b>Created:</b>	Z. Palánki	<b>Approved (Techn):</b>	F. Záborszky	<b>Approved (Quality):</b>	J. Gulyás	<b>Released:</b>	T. Trupp
	04.08.2014		01.09.2014		01.09.2014		01.09.2014