

<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-605</b>	<b>Magnetec A/N:</b>	<b>12730</b>
<b>Client's p/n:</b>	/	<b>PS Index:</b>	<b>01</b>	<b>PS Revision:</b>	<b>01</b>
<b>Subject:</b>	<b>EMC Component</b>			<b>Type:</b>	

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

2. Nominal values			
Core material:	<b>NANOPERM®</b>	Wire Resistance:	<b>&lt;= 4 mOhms</b>
Nominal voltage:	<b>250 Veff AC</b>	High voltage strength:	<b>Up,eff = 2,5 kV</b>
Nominal inductance:	<b>2 x 3 mH</b>	Operating temperature:	<b>-40 ... +70 °C</b>
Nominal current:	<b>18 A</b>	Storage temperature::	<b>-40 ... +85 °C</b>
Leakage inductances:	<b>ca. 5 µH</b>	Design standard:	<b>EN 60938-1</b>
No. of turns:	<b>N1 = N2 = 7</b>	Wire diameter:	<b>2x 1 mm</b>
Comments:			

3. Inspection values			
	Measured value	Measuring limits	Measuring configurations
	Inductivity L 1; L2 [mH]	1,96 - 4,36	f = 10 kHz Ueff = 0,1 V
	Inductivity L 1; L2 [mH]	0,64 - NA	f = 100 kHz Ueff = 0,1 V
	Wire resistance Rcu 1; Rcu2 [mOhms]	0 - 4	T = 23±3°C
	HV strength between N 1; N2 / liso<1mA	OK - NOK	Ueff = 2,5 kV t = 2 s
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4. Others	
Marking:	<b>MAGNETEC MB -605-01 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
01 / 01	First issue	12.05.2015

<b>Created:</b>	Z. Palánki	<b>Approved (Techn):</b>	F. Zámbořszky	<b>Approved (Quality):</b>	J. Gulyás	<b>Released:</b>	T. Trupp
	12.05.2015		10.06.2015		10.06.2015		10.06.2015