

FORM 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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Client:	<b>MAGNETEC</b>	Magnetec P/N:	<b>MB-043</b>	Magnetec A/N:	<b>12748</b>
Client's p/n:	-	PS Index:	<b>06</b>	PS Revision:	<b>01</b>
Subject:	<b>EMC Component</b>			Type:	

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

<b>2. Nominal values</b>			
Core material:	<b>NANOPERM®</b>	Wire Resistance:	<b>≤ 2,35 mOhms</b>
Nominal voltage:	<b>440 Veff AC</b>	High voltage strength:	<b>Up,eff = 2,5 kV</b>
Nominal inductance:	<b>3 x 1,5 mH</b>	Operating temperature:	<b>-40 ... +70 °C</b>
Nominal current:	<b>22 A</b>	Storage temperature::	<b>-40 ... +85 °C</b>
Leakage inductances:	<b>ca. 8 µH</b>	Design standard:	<b>EN 60938-1</b>
No. of turns:	<b>N1 = N2 = N3 = 10</b>	Wire diameter:	<b>2,5 mm</b>
Comments:			

<b>3. Inspection values</b>			
	Measured value	Measuring limits	Measuring configurations
	Inductivity L 1; L2; L3 [mH]	0,97 - 2,15	f = 10 kHz Ueff=0,1V
	Inductivity L 1; L2; L3 [mH]	0,63 - NA	f = 100 kHz Ueff=0,1V
	Wire resistance Rcu 1; Rcu2; Rcu3 [mOhms]	0 - 2,35	T=23±3°C
	HV strength between N 1; N2; N3 / liso<1mA	OK - NOK	Ueff = 2,5 kV t = 2 s
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<b>4. Others</b>	
Marking:	<b>MAGNETEC MB-043-06 YM (YM = Year/Month), acc. to IEC 60062 6.1.1</b>
Packaging:	<b>8 pcs. per layer, 4 layers per carton box ; PU = 32 pcs.</b>
Comments:	

Index / Rev.	Alteration	Date
06 / 01	First issue	26.06.2015

Created:	Z. Palánki	Approved (Techn):	F. Záborszky	Approved (Quality):	J. Gulyás	Released:	T. Trupp
	26.06.2015		05.08.2015		05.08.2015		05.08.2015