

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-632</b>	Magnetec A/N:	<b>12741</b>
Client's p/n:	/	PS Index:	<b>01</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>&lt;= 8 mOhms</b>
Nominal voltage:	<b>500 V<sub>eff</sub> AC</b>	High voltage strength:	<b>U<sub>p,eff</sub> = 2,5 kV</b>
Nominal inductance:	<b>2 x 2,4 mH</b>	Operating temperature:	<b>-40 ... +70 °C</b>
Nominal current:	<b>14 A</b>	Storage temperature:	<b>-40 ... +85 °C</b>
Leakage inductances:	<b>ca. 3 µH</b>	Design standard:	<b>EN 60938-1</b>
No. of turns:	<b>N1 = N2 = 8</b>	Wire diameter:	<b>0,9 mm</b>
Comments:			

<b>3. Inspection values</b>			
	Measured value	Measuring limits	Measuring configurations
	Inductivity L 1; L2 [mH]	<b>1,56 - 3,47</b>	f = 10 kHz      U <sub>eff</sub> = 0,1 V
	Inductivity L 1; L2 [mH]	<b>0,5 - NA</b>	f = 100 kHz      U <sub>eff</sub> = 0,1 V
	Wire resistance R <sub>cu</sub> 1; R <sub>cu</sub> 2 [mOhms]	<b>0 - 8</b>	T = 23±3°C
	HV strength between N 1; N2 / liso<1mA	<b>OK - NOK</b>	U <sub>eff</sub> = 2,5 kV      t = 2 s
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<b>4. Others</b>	
Marking:	<b>MAGNETEC MB -632-01 YM (YM = Year/Month), acc. to IEC 60062 6.1.1</b>
Packaging:	<b>60 pcs. per layer, 6 layers per carton box ; PU = 360 pcs.</b>
Comments:	

<b>Index / Rev.</b>	<b>Alteration</b>	<b>Date</b>
01 / 01	First issue	10.06.2015

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