

FORM Identifier: F 190 Revision: 02 Page: 1/1	Product specification for Inductive Components	MAGNETEC GmbH Industriestrasse 7 D-63505 Langenselbold
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Client: MAGNETEC	Magnetec P/N: MB-640	Magnetec A/N: 12743
Client's p/n: /	PS Index: 01	PS Revision: 01
Subject: EMC Component	Type:	

1.1 Mechanical outline	Wiring diagram

2. Nominal values			
Core material:	NANOPERM®	Wire Resistance:	<= 22 mOhms
Nominal voltage:	250 Veff AC	High voltage strength:	Up,eff = 2,5 kV
Nominal inductance:	2 x 6,3 mH	Operating temperature:	-40 ... +70 °C
Nominal current:	6 A	Storage temperature:	-40 ... +85 °C
Leakage inductances:	ca. 6 µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = 13	Wire diameter:	0,71 mm
Comments:			

3. Inspection values			
	Measured value	Measuring limits	Measuring configurations
	Inductivity L 1; L2 [mH]	4,1 - 9,1	f = 10 kHz
	Inductivity L 1; L2 [mH]	1,25 - NA	f = 100 kHz
	Wire resistance Rcu 1; Rcu2 [mOhms]	0 - 22	T = 23±3°C
	HV strength between N 1; N2 / liso<1mA	OK - NOK	Ueff = 2,5 kV
			t = 2 s

4. Others	
Marking:	MAGNETEC MB -640-01 YM (YM = Year/Month), acc. to IEC 60062 6.1.1
Packaging:	60 pcs. per layer, 6 layers per carton box ; PU = 360 pcs.
Comments:	

Index / Rev.	Alteration	Date
01 / 01	First issue	10.06.2015

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	10.06.2015		19.06.2015		19.06.2015		19.06.2015