

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-634	Magnetec A/N: 12785
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:	$\leq 4,85$ mOhms
Nominal voltage:	480 V _{eff} AC	High voltage strength:	U _{p,eff} = 2,5 kV
Nominal inductance:	3 x 1,7 mH	Operating temperature:	-40 ... +70 °C
Nominal current:	20 A	Storage temperature:	-40 ... +85 °C
Leakage inductances:	ca. 14 µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = N3 = 13	Wire diameter:	2,0 mm
Comments:			

3. Inspection values			
	Measured value	Measuring limits	Measuring configurations
	Inductivity L1; L2; L3 [mH]	1,08 - 2,40	f = 10 kHz U _{eff} = 0,1 V
	Inductivity L1; L2; L3 [mH]	0,85 - NA	f = 100 kHz U _{eff} = 0,1 V
	Wire resistance R _{cu1} ; R _{cu2} ; R _{cu3} [mOhms]	0 - 4,85	T = 23±3°C
	HV strength between N1; N2; N3 / liso < 1mA	OK - NOK	U _{eff} = 2,5 kV t = 2 s
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4. Others	
Marking:	MAGNETEC MB-634-01 YM (YM = Year/Month), acc. to IEC 60062 6.1.1
Packaging:	6 pcs. per layer, 4 layers per carton box; PU = 24 pcs.
Comments:	

Index / Rev.	Alteration	Date
01 / 01	First issue	16.06.2016

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	16.06.2016		25.08.2016		25.08.2016		25.08.2016