

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-615	Magnetec A/N:	12734
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:	<= 1,8 mOhms
Nominal voltage:	250 Veff AC	High voltage strength:	Up,eff = 2,5 kV
Nominal inductance:	2 x 1,6 mH	Operating temperature:	-40 ... +70 °C
Nominal current:	22 A	Storage temperature:	-40 ... +85 °C
Leakage inductances:	ca. 2 µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = 5	Wire diameter:	2x 1,32 mm
Comments:			

3. Inspection values			
	Measured value	Measuring limits	Measuring configurations
Inductivity L 1; L2 [mH]		1,00 - 2,22	f = 10 kHz Ueff = 0,1 V
Inductivity L 1; L2 [mH]		0,325 - NA	f = 100 kHz Ueff = 0,1 V
Wire resistance Rcu 1; Rcu2 [mOhms]		0 - 1,8	T = 23±3°C
HV strength between N 1; N2 / Iiso < 1mA		OK - NOK	Ueff = 2,5 kV t = 2 s
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4. Others	
	Marking: MAGNETEC MB-615-01 YM (YM = Year/Month), acc. to IEC 60062 6.1.1 Packaging: 30 pcs. per layer, 4 layers per carton box ; PU = 120 pcs. Comments:

Index / Rev.	Alteration	Date
01 / 01	First issue	13.05.2015

Created:	Z. Palánki	Approved (Techn):	F. Zámbořszky	Approved (Quality):	J. Gulyás	Released:	T. Trupp
	13.05.2015		10.06.2015		10.06.2015		10.06.2015