

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-027	Magnetec A/N:	12046
Client's p/n:	/	PS Index:	02	PS Revision:	01
Subject:	EMC Component			Type:	E

1.1 Mechanical outline 	Wiring diagram
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2. Nominal values			
Core material:	NANOPERM®	Wire Resistance:	<= 12 mOhms
Nominal voltage:	250 Veff AC	High voltage strength:	Up,eff = 2,5 kV
Nominal inductance:	2 x 12 mH	Operating temperature:	-40 ... +60 °C
Nominal current:	10 A	Storage temperature:	-40 ... +85 °C
Leakage inductances:	ca. 9 µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = 14	Wire diameter:	0,8 mm
Comments:			

3. Inspection values			
	Measured value	Measuring limits	Measuring configurations
	Inductivity L 1; L2 [mH]	7,5 - 19	f = 10kHz I _{eff} = 1 mA
	Wire resistance R _{cu} 1; R _{cu} 2 [mOhms]	0 - 12	RT = 25°C
	HV strength between N 1 and N2 / I _{iso} <1mA	OK - NOK	Up,eff = 1,5 kV t = 2s
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4. Others	
Marking:	MAGNETEC MB-027-02 YM (YM = Year/Month), acc. to IEC 62 5.1
Packaging:	30 pcs. per layer, 4 layers per carton box ; PU = 120 pcs.
Comments:	

Index / Rev.	Alteration	Date
02 / 00	Product Specification	26.10.2004
02 / 01	LN format, HV strength change	11.03.2013

Created:	Z. Palánki	Approved (Techn):	F. Záborszky	Approved (Quality):	J. Gulyas	Released:	T. Trupp
	11.03.2013		25.06.2013		25.06.2013		25.06.2013