

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-040	Magnetec A/N:	12149
Client's p/n:	/	PS Index:	03	PS Revision:	03
Subject:	EMC Component			Type:	

1.1 Mechanical outline	Wiring diagram

2. Nominal values			
Core material:	NANOPERM®	Wire Resistance:	≤ 20 mOhms
Nominal voltage:	250 Veff AC	High voltage strength:	Up,eff = 2,5 kV
Nominal inductance:	2 x 7,5 mH	Operating temperature:	-40 ... +60 °C
Nominal current:	5 A	Storage temperature:	-40 ... +85 °C
Leakage inductances:	ca. 10 μ H	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 - 10,3	f = 10 kHz leff = 1 mA
	Wire resistance Rcu 1; Rcu2 [mOhms]	NA - 20,0	RT = 25 °C
	Checking high voltage strength	OK - NOK	Up,eff = 2,5 kV t = 2 s
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4. Others	
	Marking: MAGNETEC MB-040-03 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
01S / prel.	Sample	07.09.2000
02 / 00	Product Specification	25.01.2002
03 / 01	PU = 300 pcs / RoHS conform	05.03.2007
03 / 02	PU = 360 pcs	26.04.2007
03 / 03	No. of turns and wire diameter given	04.12.2014

Created:	Z. Palánki	Approved (Techn):	F. Záborszky	Approved (Quality):	J. Gulyás	Released:	T. Trupp
	04.12.2014		12.01.2015		12.01.2015		12.01.2015