

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-036	Magnetec A/N:	12179
Client's p/n:	-	PS Index:	02	PS Revision:	02
Subject:	EMC Component			Type:	E

1.1 Mechanical outline	Wiring diagram
<p style="text-align: center;">MAGNETEC MB-036-02 YM</p>	
Spacer thickness $\geq 3,0$ mm	

2. Nominal values			
Core material:	NANOPERM®	Wire Resistance:	$\leq 2,8$ mOhms
Nominal voltage:	250 Veff AC	High voltage strength:	Up,eff = 2,5 kV
Nominal inductance:	2 x 5 mH	Operating temperature:	-40 ... +60 °C
Nominal current:	23 A	Storage temperature:	-40 ... +85 °C
Leakage inductances:	ca. 12 µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = 9	Wire diameter:	2,5 mm
Comments:			

3. Inspection values			
	Measured value	Measuring limits	Measuring configurations
	Inductivity L1; L2 [mH]	3,8 - 9,7	f = 10 kHz leff = 1 mA
	Wire resistance Rcu1; Rcu2 [mOhms]	NA - 2,8	RT = 25 °C
	HV strength between N1; N2 / Iiso < 1mA	OK - NOK	Up,eff = 2,5 kV t = 2 s
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4. Others	
Marking:	MAGNETEC MB-036-02 YM (YM = Year/Month), acc. to IEC 62 5.1
Packaging:	12 pcs. per layer, 2 layers per carton box; PU = 24 pcs.
Comments:	

Index / Rev.	Alteration	Date
01 / 00	Product Specification	24.11.2000
02 / 01	Base plate MT-012.01V1 g = 3	28.06.2002
02 / 02	Base plate MT-012.01V1 g = 2,5; Effective pin length 3,5mm, PU = 24 pcs.	28.01.2003

Created:	Á. Kovách	Approved (Techn):	F. Záborszky	Approved (Quality):	V. Káposztás	Released:	F. Rauscher
	03.02.2003		07.02.2003		07.02.2003		10.02.2003