

FORM Identifier: F 190 Revision: 02 Page: 1/1	Product specification for Inductive Components	MAGNETEC GmbH Industriestrasse 7 D-63505 Langenselbold
---	--	---

Client:	MAGNETEC	Magnetec P/N:	MB-002	Magnetec A/N:	12008
Client's p/n:	/	PS Index:	06	PS Revision:	06
Subject:	EMC Component			Type:	E

1.1 Mechanical outline	Wiring diagram

2. Nominal values			
Core material:	NANOPERM®	Wire Resistance:	<= 65 mOhms
Nominal voltage:	250 Veff AC	High voltage strength:	Up,eff = 2,5 kV
Nominal inductance:	2 x 71 mH @ 10 kHz	Operating temperature:	-40 ... +60 °C
Nominal current:	4 A	Storage temperature::	-40 ... +85 °C
Leakage inductances:	ca. 55 µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = 35	Wire diameter:	0,8 mm
Comments:			

3. Inspection values			
	Measured value	Measuring limits	Measuring configurations
	Inductivity L 1; L2 [mH]	44,6 - 110,2	f = 10 kHz
	Wire resistance Rcu 1; Rcu2 [mOhms]	0 - 65	RT = 25 °C
	HV strength between N 1 and N2 / Iiso < 1mA	OK - NOK	Up,eff = 2,5 kV
		-	Ieff = 1 mA
		-	t = 2 s

4. Others	
Marking:	MAGNETEC MB -002-06 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
06 / 00	Product Specification	04.09.2001
06 / 01	Separator: MT-019.03, winding direction and symmetry control	29.09.2004
06 / 02	BoM change	19.10.2004
06 / 03	LN format	15.02.2013
06 / 04	Wiring diagram corrected	08.04.2013
06 / 05	Wiring diagram corrected	08.05.2013
06 / 06	Drawing changed	21.01.2014

Created:	Z. Palánki	Approved (Techn):	F. Zámorszky	Approved (Quality):	J. Gulyás	Released:	T. Trupp
	21.01.2014		27.01.2014		27.01.2014		27.01.2014