

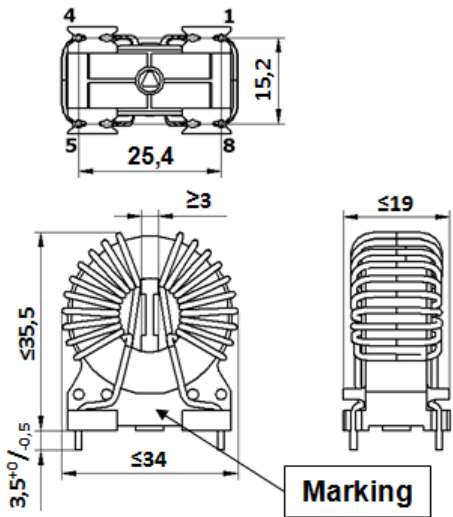
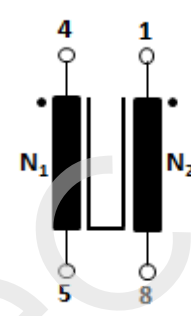
Product specification for Inductive Components

Form:
Revision:

MF04.07 (F190)
02

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

1. Mechanical outline	Wiring diagram
	

2. Nominal values			
Core material:	NANOPERM®	High voltage strength:	Up,eff = 2,5 kV
Nominal voltage:	250 Veff AC	Ambient temperature:	-40 ... +60 °C
Nominal inductance:	2 x 71 mH @ 10 kHz	Max. operating temperature:	°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 (at room temperature, unless otherwise stated)			
Measured value	Measuring limits	Measuring configurations	
Inductivity L1; L2 [mH]	44,6 - 110,2	f = 10 kHz	Ieff = 1 mA
Wire resistance Rcu1; Rcu2 [mOhms]	0 - 65	RT = 25 °C	
HV strength between N1 and N2 / Iiso<1mA	OK - NOK	Up,eff = 2,5 kV	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:	Visit http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf for further information.

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. Zámboreszky	Approved (Quality):	J. Gulyás	Released:	T. Trupp
	21.01.2014		27.01.2014		27.01.2014		27.01.2014

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