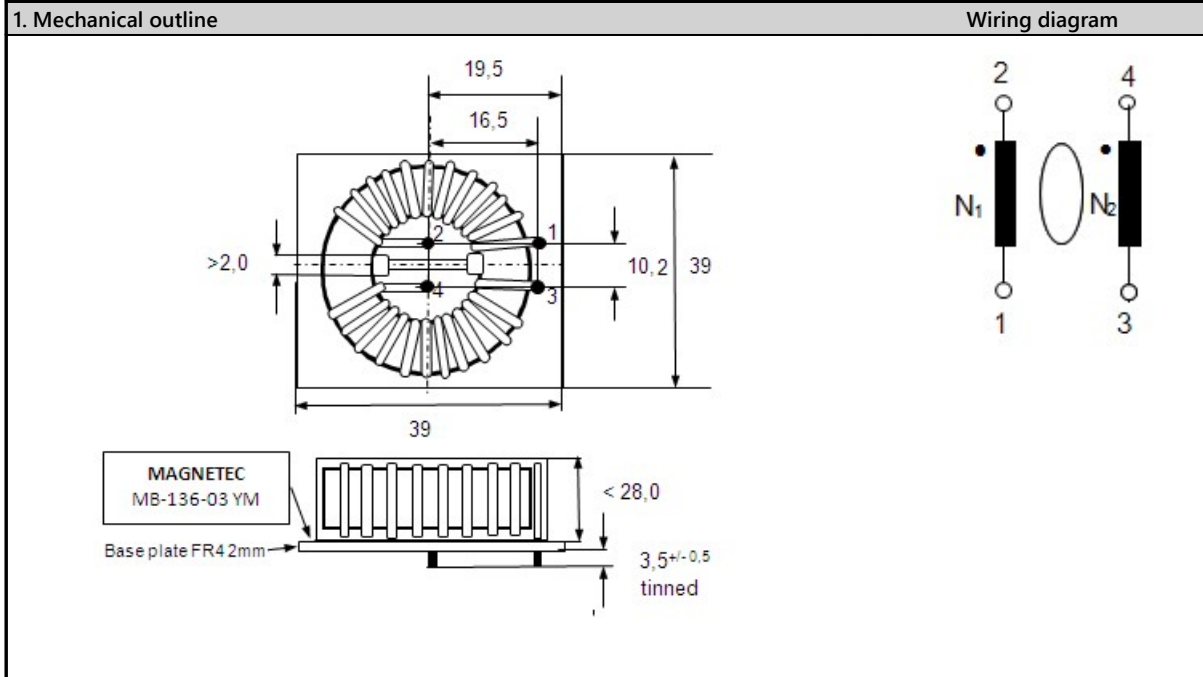


Product specification for Inductive Components

Form: MF04.07 (F190)
Revision: 01

Client:	MAGNETEC	Magnetec P/N:	MB-136	Magnetec A/N:	12170
Client's p/n:	/	PS Index:	03	PS Revision:	02
Subject:	EMC Component				



2. Nominal values			
Core material:	NANOPERM®	High voltage strength:	2,5 kV eff
Nominal voltage:	250 Veff AC	Ambient temperature:	-40 ... +60 °C
Nominal inductance:	2 x 13,0 mH	Max. operating temperature:	°C
Nominal current:	16 A	Storage temperature:	-20 ... +85 °C
Leakage inductances:	ca. 10 µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = 16	Wire diameter:	1,6 mm
Comments:			

3. Inspection values (at room temperature, unless otherwise stated)			
Measured value	Measuring limits	Measuring configurations	
Inductivity L1; L2 [mH]	9,0 - NA	f = 10 kHz	I _{eff} = 1mA
Wire resistance R _{cu1} ; R _{cu2} [mOhms]	NA - 9,5	IDC = 10A	@ RT = 25 °C
HV strength between N1; N2 / I _{iso} < 1mA [kV]	OK - NOK	U _{p,eff} = 2,5 kV	t = 2 s
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4. Others	
Marking:	MAGNETEC MB-136-03 YM (Y= production year; M=month)
Packaging:	15 pcs. per layer, 5 layers per carton box; PU = 75 pcs.
Comments:	Visit http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf for further information.

Index / Rev.	Alteration	Date
02 / 01	Product Specification	09.12.2002
03 / 02	Base plate 39 x 39 x 2mm	08.02.2011

Created:	Zs. Eperjesi 08.02.2011	Approved (Techn):	F. Zámorszky 15.02.2011	Approved (Quality):	V. Káposztas 15.02.2011	Released:	F. Rauscher 15.02.2011
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