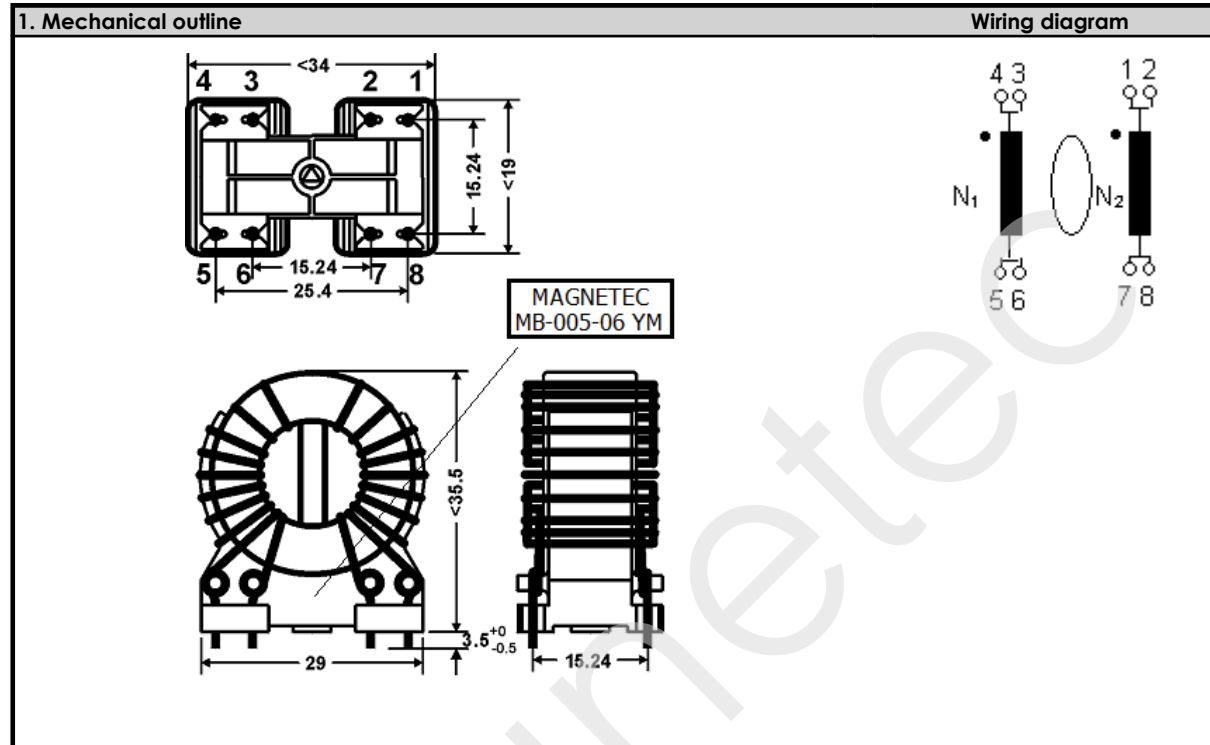


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Client:	MAGNETEC GmbH	Magnetec P/N:	MB-005		
Client's p/n:	/	PS Index:	06	PS Revision:	02
Subject:	EMC Component				



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 2,5 mH	Max. operating temperature:	°C
Nominal current:	25* A	Storage temperature:	-40 ... +85 °C
Leakage inductances:	ca. 5 µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = 7 turns	Wire diameter:	mm
Comments:	* Forced air cooling assumed		

3. Inspection values (at room temperature, unless otherwise stated)			
Measured value	Measuring limits	Measuring configurations	
Inductivity L1; L2 [mH]	1,9 - 4,7	f = 10kHz	Ieff = 1 mA
Wire resistance Rcu1; Rcu2 [mOhms]	NA - 4,0	RT = 25°C	
HV strength between N1 and N2 / Iiso<1mA	OK - NOK	Up,eff = 2,5 kV	t = 2s
	-		
	-		

4. Others	
Marking:	"MAGNETEC MB-005-06 YM" (YM date of fabrication year/month)
Packaging:	30 pcs. per layer, 4 layers per carton box; PU = 120 pcs.
Comments:	Visit <a href="http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf">http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf</a> for further information.

Index / Rev.	Alteration	Date
05 / 00	Product Specification	04.09.2001
06 / 01	Separator MT-019.03, coil direction and equivalence check, tin and flux change;	18.10.2004
06 / 02	New format, RoHS conform	08.06.2011

Created:	Zs. Eperjesi	Approved (Techn):	F. Zámboreszky	Approved (Quality):	J. Gulyas	Released:	F. Rauscher
	08.06.2011		15.06.2011		22.07.2011		22.07.2011

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