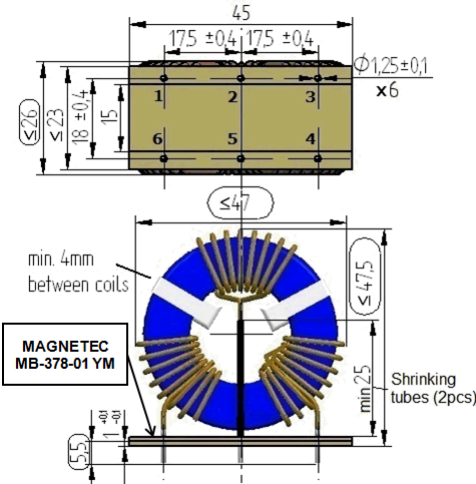
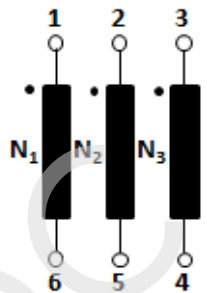


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Client:	MAGNETEC	Magnetec P/N:	MB-387		
Client's p/n:	-	PS Index:	01	PS Revision:	04
Subject:	EMC Component				

1. Mechanical outline	Wiring diagram
 <p>Tolerances: +/- 0,3mm The winding # N2 needs to be separated in two sectors. The pins # 1, 3, 4, 6 are fixed by soldering, the pins # 2, 5 by glue.</p>	
	

2. Nominal values			
Core material:	NANOPERM®	High voltage strength:	Up,eff = 2,5 kV
Nominal voltage:	480 Veff AC	Ambient temperature:	-40 ... +60 °C
Nominal inductance:	3 x 2,4 mH	Max. operating temperature:	°C
Nominal current:	3 x 12 A	Storage temperature:	-40 ... +85 °C
Leakage inductances:	ca. 20 µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = N3 = 9	Wire diameter:	1,25 mm
Comments:	Max. allowable core and coil (surface) temperature: +105°C		

3. Inspection values (at room temperature, unless otherwise stated)			
Measured value	Measuring limits	Measuring configurations	
Inductivity L1; L2; L3 [mH]	1,5 - 3,8	f = 10 kHz	Ueff = 100 mV AC
Wire resistance Rcu1; Rcu2; Rcu3 [mOhms]	NA - 9,0	RT = 25 °C	IDC = 10 A
HV strength between N1; N2; N3 / Iiso<1mA	OK - NOK	Up,eff = 2,5 kV	t = 2 s
Mechanical dimensions mm	OK - NOK	-	-

4. Others	
Marking:	MAGNETEC MB-387-01 YM (YM = Year/Month), acc. to IEC 62 5.1
Packaging:	12 pcs. per layer, 4 layers per carton box; PU = 48 pcs.
Comments:	Visit http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf for further information.

Index / Rev.	Alteration	Date
01 / 01	Product Specification	07.05.2012
01 / 02	Base plate length changed to 45mm	17.07.2012
01 / 03	Pin numbers corrected	14.01.2013
01 / 04	Modified assembly	28.02.2013

Created:	Z. Palánki	Approved (Techn):	F. Zámboreszky	Approved (Quality):	J. Gulyás	Released:	F. Rauscher
	28.02.2013		14.03.2013		19.03.2013		19.03.2013

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