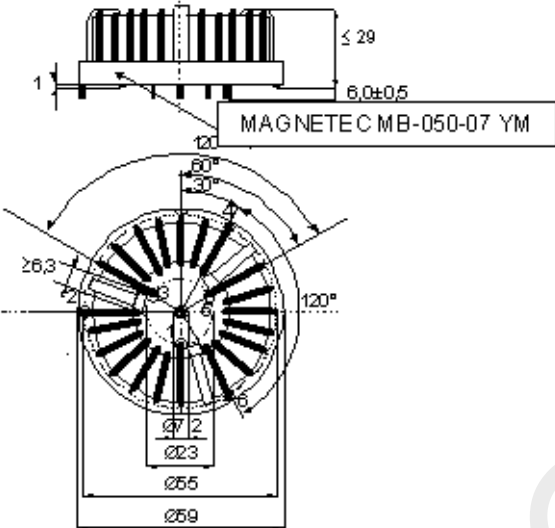
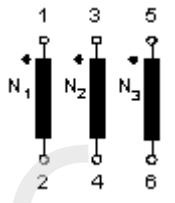


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Client:	MAGNETEC	Magnetec P/N:	MB-050
Client's p/n:		PS Index:	07
		PS Revision:	04
Subject:	EMC Component		

1. Mechanical outline	Wiring diagram
 Tolerance of pin distance: $\pm 0,3$ mm	

2. Nominal values			
Core material:	NANOPERM®	High voltage strength:	Up,eff = 2,5 kV
Nominal voltage:	480 Veff AC	Ambient temperature:	-40 ... +50 °C
Nominal inductance:	3 x 11 mH	Max. operating temperature:	°C
Nominal current:	8/12* A	Storage temperature:	-40 ... +85 °C
Leakage inductances:	ca. 40 µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = N3 = 27	Wire diameter:	1,6 mm
Comments:	* Air forced cooling		

3. Inspection values (at room temperature, unless otherwise stated)			
Measured value	Measuring limits	Measuring configurations	
Inductivity L1; L2; L3 [mH]	6,6 - 16,7	f = 10 kHz	Ieff = 1 mA
Wire resistance Rcu1; Rcu2; Rcu3 [mOhms]	NA - 15,0	RT = 25 °C	
HV strength between N1; N2; N3 / Iiso<1mA	OK - NOK	Up,eff = 2,5 kV	t = 2 s
	-		
	-		

4. Others	
Marking:	MAGNETEC MB-050-07 YM (date of fabrication year / month)
Packaging:	8 pcs. per layer, 4 layers per carton box; PU = 32 pcs.
Comments:	Visit http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf for further information.

Index / Rev.	Alteration	Date
03 / 00	T80R HS cable tie; Baseplate 59 x 55 x 2 mm	15.06.2001
04 / 01	Base plate MT-012.02.ver1 g=2; L1 = L2 = L3 = 6,6 - 16,7 mH	06.01.2004
05 / 02	New format; Cased core; RoHS compliant	15.02.2008
06 / 03	Creepage distance >= 6,3 mm; Nominal voltage 480 Veff	17.06.2009
07 / 04	Case material Ultramid, Choke height <= 29,0 mm	13.04.2011

Created:	Zs. Eperjesi	Approved (Techn):	F. Zámboreszky	Approved (Quality):	V. Kaposztas	Released:	F. Rauscher
	13.04.2011		22.04.2011		26.04.2011		26.04.2011

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