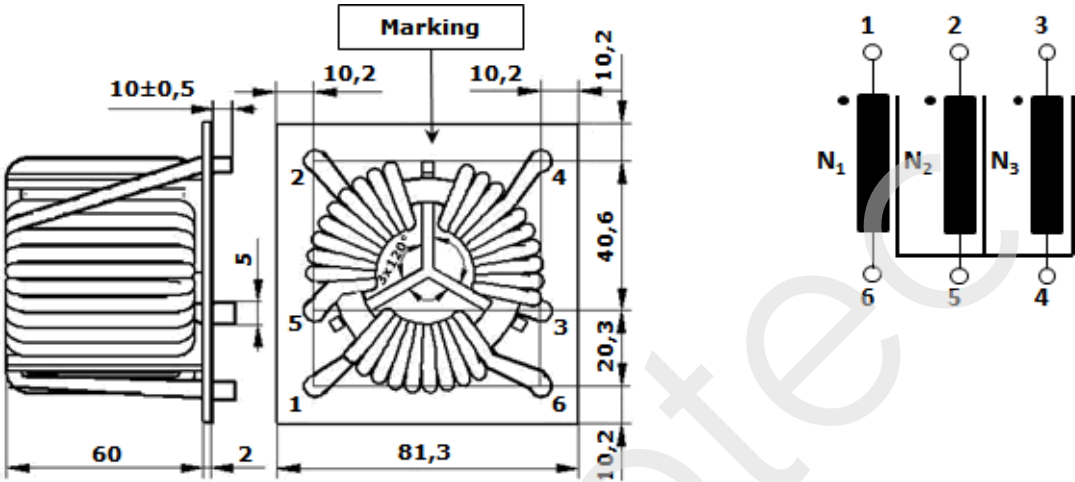


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Client:	MAGNETEC	Magnetec P/N:	MB-047		
Client's p/n:	-	PS Index:	04	PS Revision:	03
Subject:	EMC Component				

1. Mechanical outline	Wiring diagram
 Spacer: 3mm wide, FR4. Pin diameter: 5mm	

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 4 mH	Max. operating temperature:	°C
Nominal current:	30/45* A	Storage temperature:	-40 ... +85 °C
Leakage inductances:	ca. 20 µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = N3 = 10	Wire diameter:	200 x 0,2 mm
Comments:	* forced cooling assumed		

3. Inspection values (at room temperature, unless otherwise stated)			
Measured value	Measuring limits	Measuring configurations	
Inductivity L1; L2; L3 [mH]	2,1 - 6,1	f = 10 kHz	Ieff = 3 mA
Wire resistance Rcu1; Rcu2; Rcu3 [mOhms]	0 - 3,8	T=23±3°C	t = 2 s
HV strength between N1; N2; N3 / Iiso<1mA	OK - NOK	Ueff = 2,5 kV	
	-		
	-		

4. Others	
Marking:	MAGNETEC MB-047-04 YM (YM = Year/Month), acc. to IEC 60062 6.1.1
Packaging:	9 pcs. per layer, 1 layers per carton box; PU = 9 pcs.
Comments:	Visit http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf for further information.

Index / Rev.	Alteration	Date
04 / 01	Product Specification	13.04.2011
04 / 02	Effective pin diameter; Upeff = 2,5 kV	22.08.2011
04 / 03	Drawings updated	27.05.2015

Created:	Z. Palánki	Approved (Techn):	F. Zámboreszky	Approved (Quality):	J. Gulyás	Released:	T. Trupp
	27.05.2015		15.06.2015		15.06.2015		15.06.2015

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