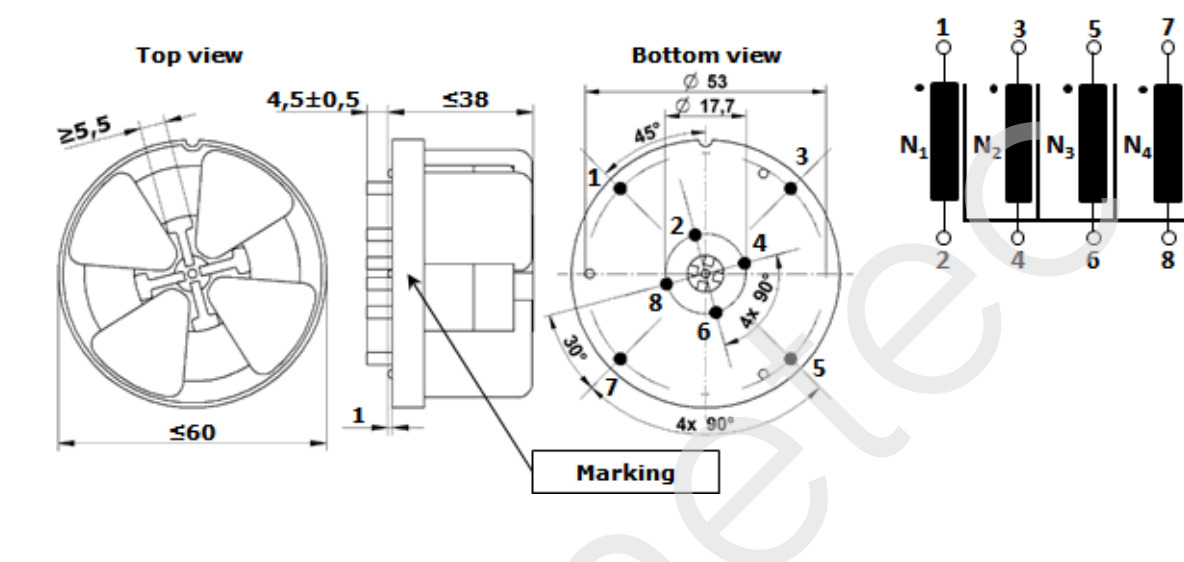


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Client:	MAGNETEC	Magnetec P/N:	MB-396		
Client's p/n:	/	PS Index:	02S	PS Revision:	02
Subject:	EMC Component				
Preliminary datasheet: This document is strictly confidential! It is subject to change without prior notice!					

1. Mechanical outline	Wiring diagram
	

2. Nominal values			
Core material:	NANOPERM®	High voltage strength:	Up,eff = 2,5 kV
Nominal voltage:	600 Veff AC	Ambient temperature:	-40 ... +70* °C
Nominal inductance:	4 x 3,7 mH	Max. operating temperature:	°C
Nominal current:	30 A	Storage temperature:	-40 ... +85 °C
Leakage inductances:	3,2 µH	Design standard:	
No. of turns:	N1 = N2 = N3 = N4 = 6	Wire diameter:	2,5 mm
Comments:			

3. Inspection values (at room temperature, unless otherwise stated)			
Measured value	Measuring limits	Measuring configurations	
Inductivity L1; L2; L3; L4 [mH]	2,44 - 5,43	f = 10 kHz	Ieff=4 mA
Inductivity L1; L2; L3; L4 [mH]	0,56 - NA	f = 100 kHz	Ieff=4 mA
Wire resistance Rcu1; Rcu2; Rcu3; Rcu4 [mOhms]	0 - 1,8	T = 25°C	
HV strength between N1; N2; N3; N4 / Iiso<1mA	OK - NOK	Up,eff = 2,5kV	t = 2s
	-		

4. Others	
Marking:	MAGNETEC MB-396-02 YM SAMPLE (YM = Year/Month), acc. to IEC 60062 6.2.1
Packaging:	pcs. per layer, layers per carton box; PU = pcs.
Comments:	Visit http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf for further information.

Index / Rev.	Alteration	Date
02S / 02	Sample	29.07.2015

Created:	Z. Palánki	Approved (Techn):		Approved (Quality):		Released:	
	29.07.2015						

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