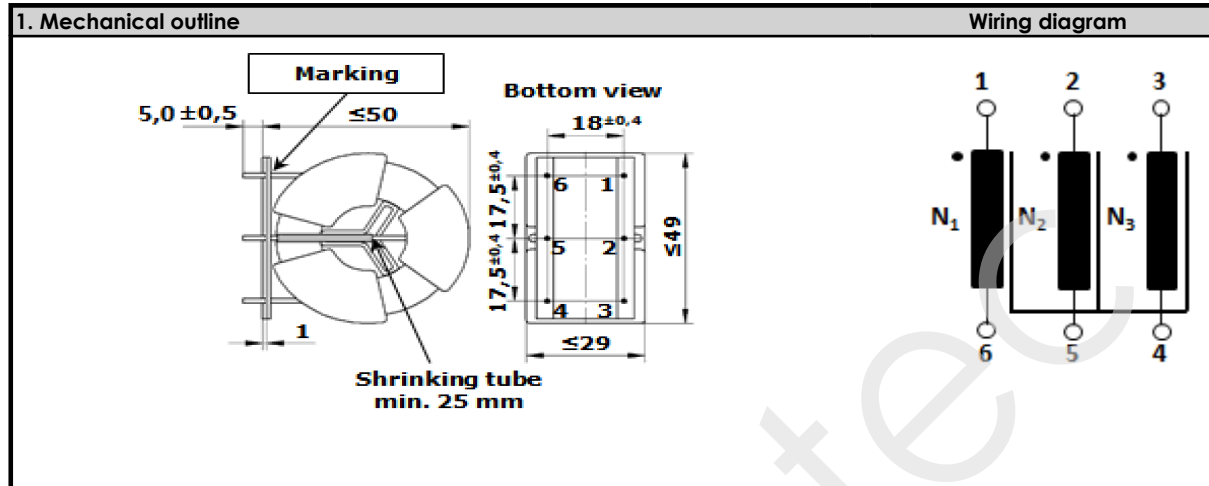


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<b>Client:</b>	<b>Magnetec</b>	<b>Magnetec P/N:</b>	<b>MB-580</b>	
<b>Client's p/n:</b>	/	<b>PS Index:</b>	<b>01</b>	<b>PS Revision:</b> 01
<b>Subject:</b>	<b>EMC Component</b>			



2. Nominal values			
Core material:	<b>NANOPERM®</b>	High voltage strength:	<b>Up,eff = 4 kV</b>
Nominal voltage:	<b>Veff AC</b>	Ambient temperature:	<b>-40 ... +60 °C</b>
Nominal inductance:	<b>3 x 4.45 mH</b>	Max. operating temperature:	°C
Nominal current:	<b>14 A</b>	Storage temperature:	<b>-40 ... +85 °C</b>
Leakage inductances:		Design standard:	<b>EN 60938-1</b>
No. of turns:	<b>N1 = N2 = N3 = 12</b>	Wire diameter:	<b>1.4 mm</b>
Comments:			

3. Inspection values (at room temperature, unless otherwise stated)			
Measured value	Measuring limits	Measuring configurations	
Inductivity L1; L2; L3 [mH]	<b>3.11 - 6.67</b>	<b>f = 10 kHz</b>	<b>Ueff = 0,1 V</b>
Inductivity L1; L2; L3 [mH]	<b>1.60 - 3.42</b>	<b>f = 100 kHz</b>	<b>Ueff = 0,1 V</b>
Wire resistance Rcu1; Rcu2; Rcu3 [mOhms]	<b>0 - 10.85</b>	<b>T = 23±3°C</b>	
HV strength between N1; N2; N3 / Iiso < 1 mA	<b>OK - NOK</b>	<b>Ueff = 4 kV</b>	<b>t = 2 s</b>
	-		

4. Others	
Marking:	<b>MAGNETEC MB-580 - YM (YM = Year/Month), acc. to IEC 60062:2004 6.1.1</b>
Packaging:	<b>12 pcs. per layer, 4 layers per carton box; PU = 48 pcs.</b>
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
01 / 01	First issue	18.05.2022

<b>Created:</b>	S. Untilov 03.11.2022	<b>Approved (Techn):</b>	I. Cheptin 07.11.2022	<b>Approved (Quality):</b>	V. Coceban 07.11.2022	<b>Released:</b>	B. Kessler
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