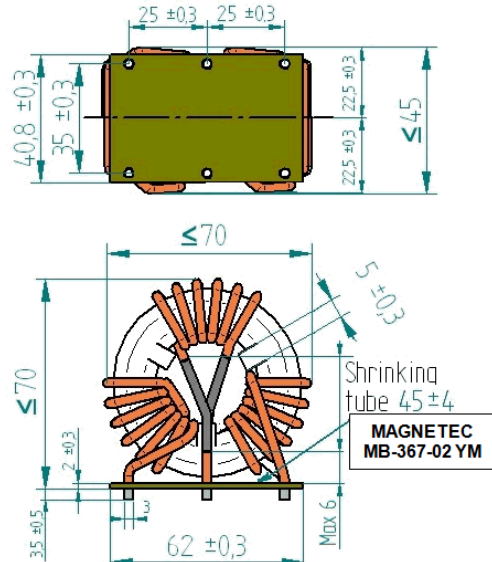
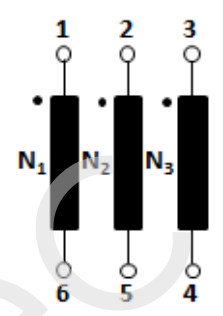


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<b>Client:</b>	<b>MAGNETEC</b>	<b>Magnetec P/N:</b>	<b>MB-367</b>	
<b>Client's p/n:</b>		<b>PS Index:</b>	<b>02</b>	<b>PS Revision:</b> 07
<b>Subject:</b>	<b>EMC Component</b>			

1. Mechanical outline	Wiring diagram
	

2. Nominal values			
Core material:	<b>NANOPERM®</b>	High voltage strength:	<b>Up,eff = 2,5 kV</b>
Nominal voltage:	<b>440 Veff AC</b>	Ambient temperature:	<b>-40 ... +60 °C</b>
Nominal inductance:	<b>3 x 1,2 mH</b>	Max. operating temperature:	<b>°C</b>
Nominal current:	<b>3 x 40* A</b>	Storage temperature:	<b>-40 ... +85 °C</b>
Leakage inductances:	<b>~ 0,7 µH</b>	Design standard:	<b>EN 60938-1</b>
No. of turns:	<b>N1 = N2 = N3 = 7</b>	Wire diameter:	<b>3,0 mm</b>
Comments:	<b>*Forced cooling assumed</b>		

3. Inspection values (at room temperature, unless otherwise stated)			
Measured value	Measuring limits	Measuring configurations	
<b>Inductivity L1; L2; L3 [mH]</b>	<b>0,7 - 1,7</b>	<b>f = 10 kHz</b>	<b>Ueff = 100 mV AC</b>
<b>Wire resistance Rcu1; Rcu2; Rcu3 [mOhms]</b>	<b>NA - 1,8</b>	<b>RT = 25 °C</b>	<b>IDC = 10 A</b>
<b>HV strength between N1; N2; N3 / Iiso &lt; 1 mA</b>	<b>OK - NOK</b>	<b>Up,eff = 2,5 kV</b>	<b>t = 2 s</b>
	-		
	-		

4. Others	
Marking:	<b>MAGNETEC MB-367-02 YM ( date of fabrication year / month )</b>
Packaging:	<b>6 pcs. per layer, 4 layers per carton box; PU = 24 pcs.</b>
Comments:	<b>Max. allowed choke surface temperature : +120°C</b> 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
02 / 05	Shrinking tube position modified	06.12.2013
02 / 06	Comment added about maximal temperature	13.02.2014
02 / 07	Packaging change	30.09.2016

<b>Created:</b>	Z. Palánki 30.09.2016	<b>Approved (Techn):</b>	F. Zámorszky 13.10.2016	<b>Approved (Quality):</b>	L. Ferencz 13.10.2016	<b>Released:</b>	T. Trupp 13.10.2016
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