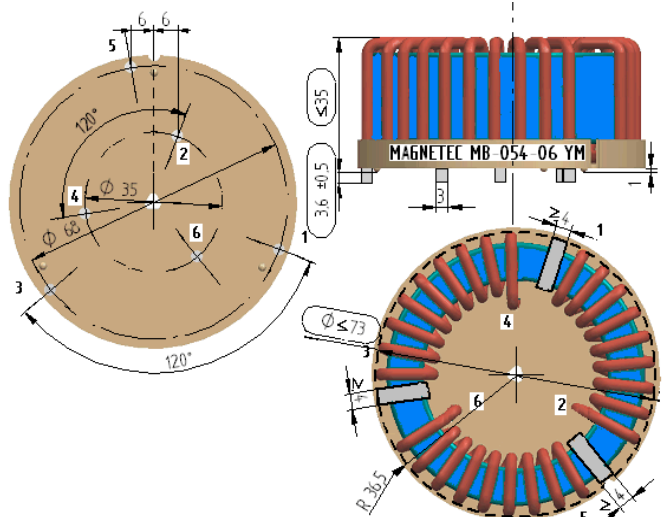
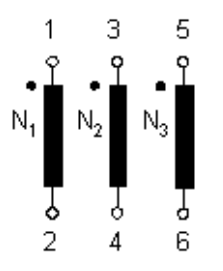


<b>FORM</b> Identifier: F 190 Revision: 02 Page: 1/1	<b>Product specification for Inductive Components</b>	<b>MAGNETEC GmbH</b> Industriestrasse 7 D-63505 Langenselbold
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<b>Client:</b>	<b>MAGNETEC</b>	<b>Magnetec P/N:</b>	<b>MB-054</b>	<b>Magnetec A/N:</b>	<b>12113</b>
<b>Client's p/n:</b>	/	<b>PS Index:</b>	<b>06</b>	<b>PS Revision:</b>	<b>05</b>
<b>Subject:</b>	<b>EMC Component</b>			<b>Type:</b>	

<b>1.1 Mechanical outline</b>	<b>Wiring diagram</b>
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Tolerance of pin distance: ±0,3mm  
 Position of cable tie terminal clip is on the lower side of the core's inner perimeter.

<b>2. Nominal values</b>			
Core material:	<b>NANOPERM®</b>	Wire Resistance:	<b>≤ 2,6 mOhms</b>
Nominal voltage:	<b>440 Veff AC</b>	High voltage strength:	<b>Up,eff = 2,5 kV</b>
Nominal inductance:	<b>3 x 3,2 mH</b>	Operating temperature:	<b>-40 ... +60 °C</b>
Nominal current:	<b>27 A</b>	Storage temperature::	<b>-40 ... +85 °C</b>
Leakage inductances:	<b>ca. 9 µH</b>	Design standard:	<b>EN 60938-1</b>
No. of turns:	<b>N1 = N2 = N3 = 12</b>	Wire diameter:	<b>3 mm</b>
Comments:			

<b>3. Inspection values</b>			
	Measured value	Measuring limits	Measuring configurations
	Inductivity L 1; L2; L3 [mH]	1,6 - 4,6	f = 10 kHz
	Wire resistance Rcu 1; Rcu2; Rcu3 [mOhms]	0 - 2,6	RT = 25°C
	HV strength between N 1; N2; N3 / liso < 1mA	OK - NOK	Up,eff = 2,5 kV
		-	leff = 1 mA
		-	t = 2 s

<b>4. Others</b>	
Marking:	<b>MAGNETEC MB -054-06 YM (YM = Year/Month), acc. to IEC 62 5.1</b>
Packaging:	<b>6 pcs. per layer, 4 layers per carton box ; PU = 24 pcs.</b>
Comments:	

Index / Rev.	Alteration	Date
04 / 01	Bumpsons MT-013.02 v1 g=3	20.09.2001
05 / 02	Base plate MT-013.01 v3 g=3	26.09.2001
06 / 03	L1 / L2 / L3 = 1.6 - 4.6 mH; Rcu1 = Rcu2 = Rcu3 ≤ 2.6 mOhm	02.09.2002
06 / 04	New format; Base plate MT-013.02 v2 g=3	04.05.2012
06 / 05	Nr. of coils corrected	2015.06.10

<b>Created:</b>	Z. Palánki	<b>Approved (Techn):</b>	F. Zámbořszky	<b>Approved (Quality):</b>	J. Gulyás	<b>Released:</b>	T. Trupp
	2015.06.10		17.06.2015		17.06.2015		17.06.2015