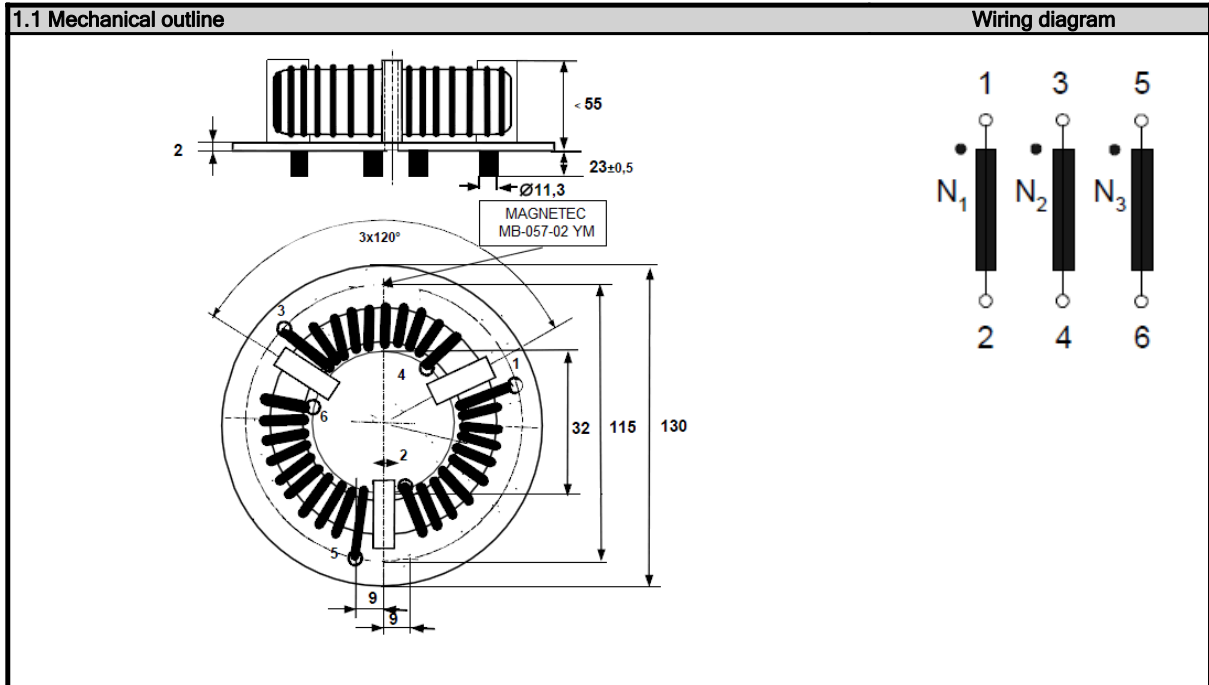


<b>FORM</b> Identifier: F 190 Revision: 02 Page: 1/1	<b>Product specification for Inductive Components</b>	<b>MAGNETEC GmbH</b> Industriestrasse 7 D-63505 Langenselbold
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<b>Client:</b>	<b>MAGNETEC</b>	<b>Magnetec P/N:</b>	<b>MB-057</b>	<b>Magnetec A/N:</b>	<b>12148</b>
<b>Client's p/n:</b>	-	<b>PS Index:</b>	<b>02</b>	<b>PS Revision:</b>	<b>00</b>
<b>Subject:</b>	<b>EMC Component</b>			<b>Type:</b>	<b>E</b>



<b>2. Nominal values</b>			
Core material:	<b>NANOPERM®</b>	Wire Resistance:	<b>≤ 0,7 mOhms</b>
Nominal voltage:	<b>440 Veff AC</b>	High voltage strength:	<b>Up,eff = 2,5 kV</b>
Nominal inductance:	<b>3 x 2,5 mH</b>	Operating temperature:	<b>-40 ... +60 °C</b>
Nominal current:	<b>100 A</b>	Storage temperature:	<b>-40 ... +85 °C</b>
Leakage inductances:	<b>~ 10 µH</b>	Design standard:	<b>EN 60938-1</b>
No. of turns:	<b>N1 = N2 = N3 = 11</b>	Wire diameter:	<b>11,3 mm</b>
Comments:			

<b>3. Inspection values</b>			
	Measured value	Measuring limits	Measuring configurations
	Inductivity L1; L2; L3 [mH]	1,3 - 3,7	f = 10 kHz
	Wire resistance Rcu1; Rcu2; Rcu3 [mOhms]	NA - 0,7	RT = 25 °C
	HV strength between N1; 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-057-02 YM (YM = Year/Month), acc. to IEC 62 5.1</b>
Packaging:	<b>1 pcs. per layer, 2 layers per carton box; PU = 2 pcs.</b>
Comments:	

<b>Index / Rev.</b>	<b>Alteration</b>	<b>Date</b>
02 / 00	Product Specification	21.02.2002

<b>Created:</b>	Á. Kovách	<b>Approved (Techn):</b>	F. Zámbořský	<b>Approved (Quality):</b>	V. Káposztás	<b>Released:</b>	F. Rauscher
	21.02.2002		21.02.2002		21.02.2002		21.02.2002