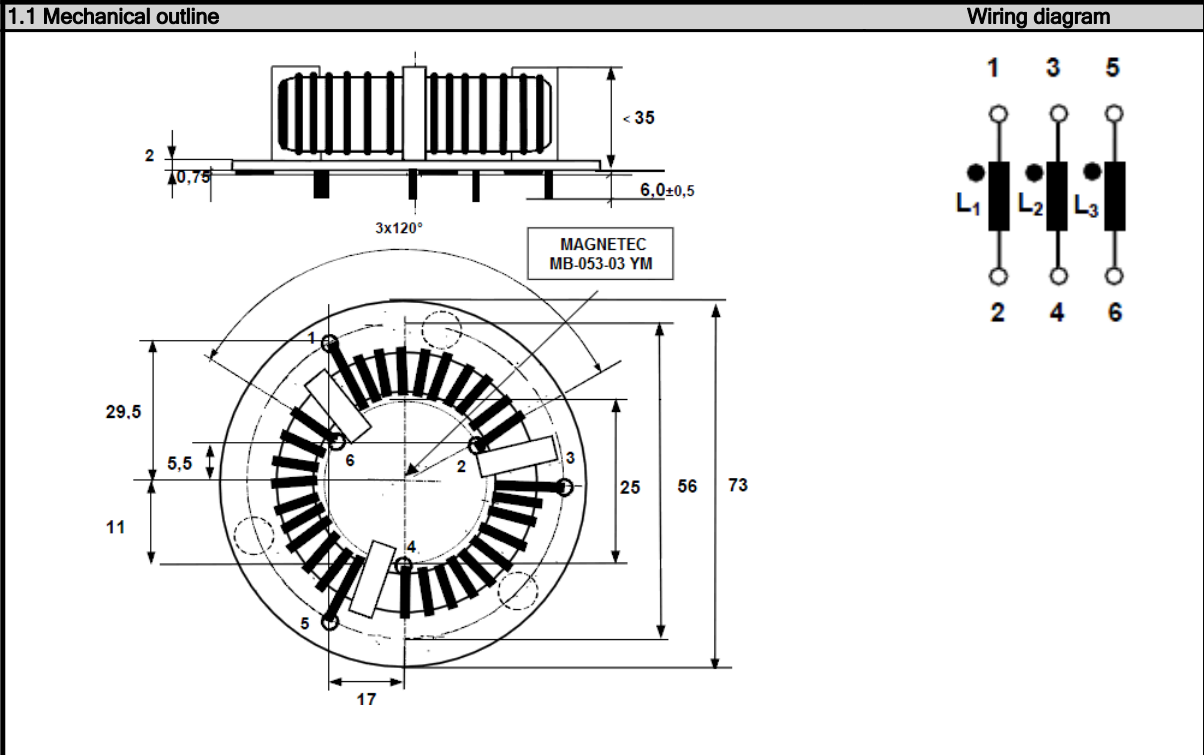


<b>FORM</b> Identifier: F 190 Revision: 02 Page: 1/1	<b>Product specification for Inductive Components</b>	<b>MAGNETEC GmbH</b> Industriestrasse 7 D-63505 Langenselbold
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<b>Client:</b> MAGNETEC	<b>Magnetec P/N:</b> MB-053	<b>Magnetec A/N:</b> 12112
<b>Client's p/n:</b> -	<b>PS Index:</b> 03	<b>PS Revision:</b> 00
<b>Subject:</b> EMC Component		<b>Type:</b> E



<b>2. Nominal values</b>			
Core material:	NANOPERM®	Wire Resistance:	$\leq 4,5$ mOhms
Nominal voltage:	440 Veff AC	High voltage strength:	Up,eff = 2,5 kV
Nominal inductance:	3 x 3 mH	Operating temperature:	-40 ... +60 °C
Nominal current:	18/25* A	Storage temperature:	-40 ... +85 °C
Leakage inductances:	~ 15 µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = N3 = 14	Wire diameter:	2,24 mm
Comments:	* forced cooling assumed		

<b>3. Inspection values</b>			
	Measured value	Measuring limits	Measuring configurations
	Inductivity L1; L2; L3 [mH]	2,1 - 4,2	f = 10 kHz leff = 1 mA
	Wire resistance Rcu1; Rcu2; Rcu3 [mOhms]	NA - 4,5	RT = 25 °C
	HV strength between N1; N2; N3 / Iiso < 1mA	OK - NOK	Up,eff = 2,5 kV t = 2 s
		-	
		-	

<b>4. Others</b>	
Marking:	MAGNETEC MB-053-03 YM (YM = Year/Month), acc. to IEC 62 5.1
Packaging:	6 pcs. per layer, 4 layers per carton box; PU = 24 pcs.
Comments:	

Index / Rev.	Alteration	Date
03 / 00	Product Specification	14.06.2001

<b>Created:</b>	Á. Kovách	<b>Approved (Techn):</b>	F. Záborszky	<b>Approved (Quality):</b>	V. Káposztás	<b>Released:</b>	F. Rauscher
	14.06.2001		14.06.2001		14.06.2001		22.06.2001