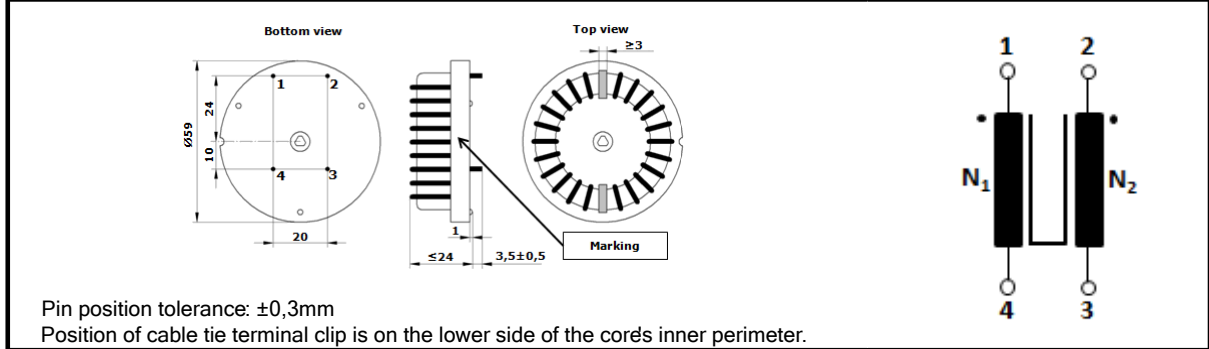


<b>FORM</b> Identifier: F 190 Revision: 02 Page: 1/1	<b>Product specification          for Inductive Components</b>	<b>MAGNETEC GmbH</b> Industriestrasse 7 D-63505 Langenselbold
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<b>Client:</b>	<b>MAGNETEC</b>	<b>Magnetec P/N:</b>	<b>MB-021</b>	<b>Magnetec A/N:</b>	<b>12064</b>
<b>Client's p/n:</b>		<b>PS Index:</b>	<b>04</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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<b>2. Nominal values</b>			
Core material:	<b>NANOPERM®</b>	Wire Resistance:	<b><math>\leq 8</math> mOhms</b>
Nominal voltage:	<b>250 Veff AC</b>	High voltage strength:	<b>Up,eff = 2,5 kV</b>
Nominal inductance:	<b>2 x 1,2 mH @ 100kHz</b>	Operating temperature:	<b>-40 ... +50 °C</b>
Nominal current:	<b>20 A</b>	Storage temperature:	<b>-40 ... +85 °C</b>
Leakage inductances:	<b>ca. 8 <math>\mu\text{H}</math></b>	Design standard:	<b>EN 60938-1</b>
No. of turns:	<b>N1 = N2 = 11</b>	Wire diameter:	<b>1,6 mm</b>
Comments:			

<b>3. Inspection values</b>			
	Measured value	Measuring limits	Measuring configurations
	Inductivity L 1; L2 [mH]	0,7 - 1,5	f = 100 kHz
	Wire resistance Rcu 1; Rcu2 [mOhms]	NA - 8,0	RT = 25 °C
	HV strength between N 1 and N2 / Iiso < 1mA	OK - NOK	Up,eff = 2,5 kV
		-	Ieff = 1,5 mA
		-	t = 2 s

<b>4. Others</b>	
	Marking: <b>MAGNETEC MB-021-04 YM (YM = Year/Month), acc. to IEC 62 5.1</b>
	Packaging: <b>8 pcs. per layer, 5 layers per carton box ; PU = 40 pcs.</b>
	Comments:

Index / Rev.	Alteration	Date
04 / 02	Product Specification with MT-012 baseplate	31.05.2005
04 / 03	Packaging change	01.07.2005
04 / 04	LN format	25.02.2013
04 / 05	Maximum height increased	30.03.2015

<b>Created:</b>	Z. Palánki	<b>Approved (Techn):</b>	F. Zámorszky	<b>Approved (Quality):</b>	J. Gulyás	<b>Released:</b>	T. Trupp
	30.03.2015		16.04.2015		16.04.2015		16.04.2015