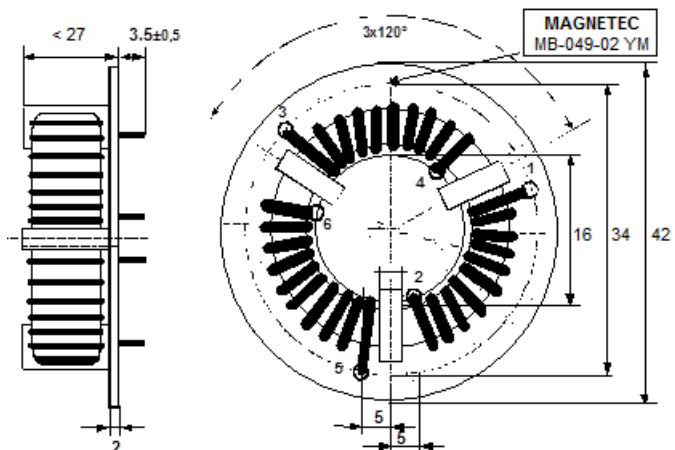


FORM Identifier: F 190 Revision: 02 Page: 1/1	<b>Product specification for Inductive Components</b>	<b>MAGNETEC GmbH</b> Industriestrasse 7 D-63505 Langenselbold
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Client: <b>MAGNETEC</b>	Magnetec P/N: <b>MB-049</b>	Magnetec A/N: <b>80233</b>
Client's p/n: -	PS Index: <b>02S</b>	PS Revision: <b>01</b>
Subject: <b>EMC Component</b>		Type: <b>E</b>

<b>1.1 Mechanical outline</b>	<b>Wiring diagram</b>
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PRELIMINARY

**2. Nominal values**

Core material:	<b>NANOPERM®</b>	Wire Resistance:	$\leq 32$ mOhms
Nominal voltage:	<b>440 Veff AC</b>	High voltage strength:	<b>Up,eff = 2,5 kV</b>
Nominal inductance:	<b>3 x 8 mH</b>	Operating temperature:	<b>-40 ... +60 °C</b>
Nominal current:	<b>5 A</b>	Storage temperature:	<b>-40 ... +85 °C</b>
Leakage inductances:	<b>ca. 60 μH</b>	Design standard:	<b>EN 60938-1</b>
No. of turns:	<b>N1 = N2 = 35</b>	Wire diameter:	<b>1,12 mm</b>
Comments:			

**3. Inspection values**

Measured value	Measuring limits	Measuring configurations	
Inductivity L 1; L 2 [mH]	5,6 - 11,2	f = 10 kHz	Ieff = 1 mA
Wire resistance Rcu 1; Rcu 2 [mOhms]	NA - 32,0	RT = 25 °C	
HV strength between N 1; N 2 / Iiso < 1mA	OK - NOK	Up,eff = 2,5 kV	t = 2 s
	-		
	-		

**4. Others**

Marking:	<b>MAGNETEC MB-049-02 YM SAMPLE (YM = Year/Month), acc. to IEC 62 5.1</b>
Packaging:	<b>8 pcs. per layer, 4 layers per carton box; PU = 32 pcs.</b>
Comments:	

Index / Rev.	Alteration	Date
01S / 00	Sample	01.03.2001
02S / 01	Sample: Rcu <= 32 mOhms	09.04.2001

Created: <b>Á. Kováč</b>	Approved (Techn):	Approved (Quality):	Released:
09.04.2001			

