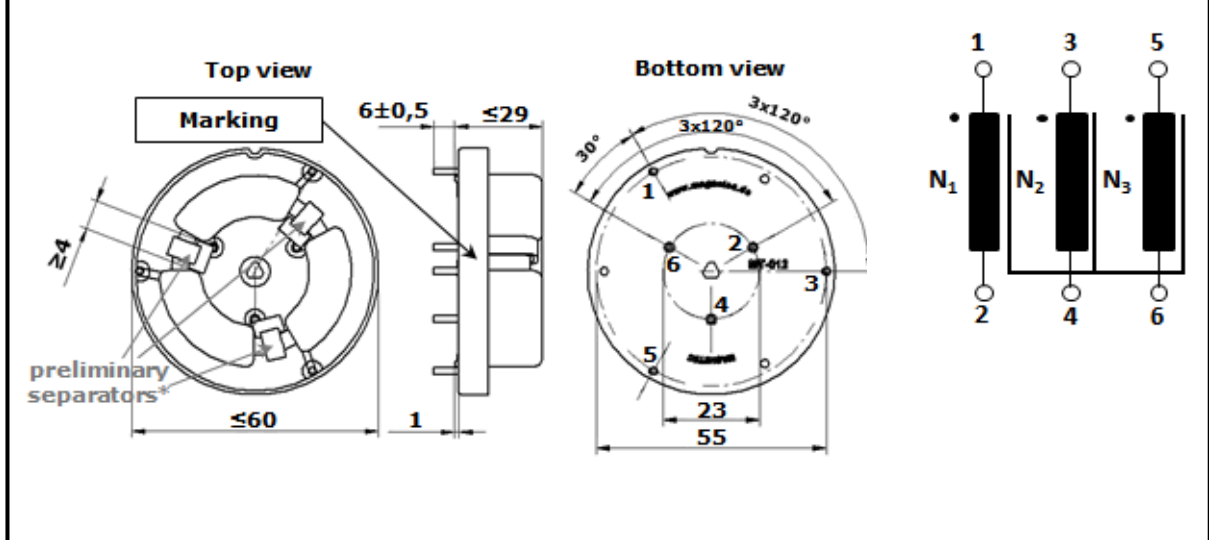


FORM Identifier: F 190 Revision: 02 Page: 1/1	<b>Product specification for Inductive Components</b>	<b>MAGNETEC GmbH</b> Industriestrasse 7 D-63505 Langenselbold
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Client: <b>Magnetec</b>	Magnetec P/N: <b>MB-650</b>	Magnetec A/N: <b>84239</b>
Client's p/n: <b>/</b>	PS Index: <b>01S</b>	PS Revision: <b>01</b>
Subject: <b>EMC Component</b>	Type:	

**Preliminary datasheet : This document is strictly confidential ! It is subject to change without prior notice !**

**1.1 Mechanical outline** **Wiring diagram**




**2. Nominal values**

Core material:	<b>NANOPERM®</b>	Wire Resistance:	<b><math>\leq 15</math> mOhms</b>
Nominal voltage:	<b>480 Veff AC</b>	High voltage strength:	<b>Up,eff = 2,5 kV</b>
Nominal inductance:	<b>3 x 11 mH</b>	Operating temperature:	<b>-40 ... +70 °C</b>
Nominal current:	<b>10 A</b>	Storage temperature:	<b>-40 ... +85 °C</b>
Leakage inductances:	<b>~56 <math>\mu</math>H</b>	Design standard:	<b>EN 60938-1</b>
No. of turns:	<b>N1 = N2 = N3 = 27</b>	Wire diameter:	<b>1,6 mm</b>
Comments:			

**3. Inspection values**

	Measured value	Measuring limits	Measuring configurations	
Inductivity L 1; L2; L3 [mH]		7,2 - 16,2	f = 10 kHz	Ueff = 0,1 V
Inductivity L 1; L2; L3 [mH]		4,8 - NA	f = 100 kHz	Ueff = 0,1 V
Wire resistance Rcu 1; Rcu2; Rcu3 [mOhms]		0 - 15	T = 23 $\pm$ 3°C	
HV strength between N 1; N2 and N3		OK - NOK	Ueff = 2,5 kV	t = 2 s
		-		

**4. Others**

	Marking:	<b>MAGNETEC MB-650-01 YM SAMPLE (YM = Year/Month), acc. to IEC 60062 6.1.1</b>
	Packaging:	<b>pcs. per layer, layers per carton box ; PU = pcs.</b>
	Comments:	<b>* New design needs to be developed during pre-serie.</b>

Index / Rev.	Alteration	Date
01S / 01	Sample	21.01.2016

Created:	Z. Palánki	Approved (Techn):		Approved (Quality):		Released:	
	21.01.2016						