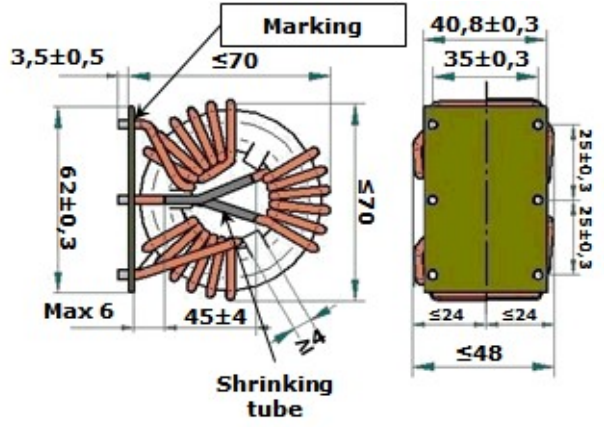
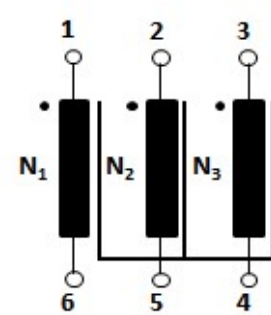


## Product specification for Inductive Components

Form: MF04.07 (F190)  
Revision: 01

Client:	MAGNETEC	Magnetec P/N:	MB-667	Magnetec A/N:	12800
Client's p/n:	/	PS Index:	01	PS Revision:	01
Subject:	EMC Component				

1. Mechanical outline	Wiring diagram
	

2. Nominal values			
Core material:	NANOPERM®	High voltage strength:	U <sub>p,eff</sub> = 2,5 kV
Nominal voltage:	440 V <sub>eff</sub> AC	Ambient temperature:	-40 ... +70 °C
Nominal inductance:	3 x 1,2 mH	Max. operating temperature:	°C
Nominal current:	40 A	Storage temperature:	-40 ... +85 °C
Leakage inductances:	~5 µH	Design standard:	EN 60938-1
No. of turns:	N <sub>1</sub> = N <sub>2</sub> = N <sub>3</sub> = 7	Wire diameter:	3,0 mm
Comments:			

3. Inspection values (at room temperature, unless otherwise stated)			
Measured value	Measuring limits	Measuring configurations	
Inductivity L1; L2; L3 [mH]	0,76 - 1,69	f = 10 kHz	U <sub>eff</sub> = 0,1 V
Inductivity L1; L2; L3 [mH]	0,6 - NA	f = 100 kHz	U <sub>eff</sub> = 0,1 V
Wire resistance R <sub>cu1</sub> ; R <sub>cu2</sub> ; R <sub>cu3</sub> [mOhms]	0 - 1,8	T = 23±3 °C	
HV strength between N1; N2; N3 / liso<1mA	OK - NOK	U <sub>eff</sub> = 2,5 kV	t = 2 s
	-		

4. Others	
Marking:	MAGNETEC MB-667-01 YM (YM = Year/Month), acc. to IEC 60062 6.1.1
Packaging:	6 pcs. per layer, 3 layers per carton box; PU = 18 pcs.
Comments:	Visit <a href="http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf">http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf</a> for further information.

Index / Rev.	Alteration	Date
01 / 01	First issue	06.07.2016

Created:	Z. Palánki 06.07.2016	Approved (Techn):	F. Zámbořský 25.08.2016	Approved (Quality):	L. Ferencz 25.08.2016	Released:	T. Trupp 25.08.2016
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