

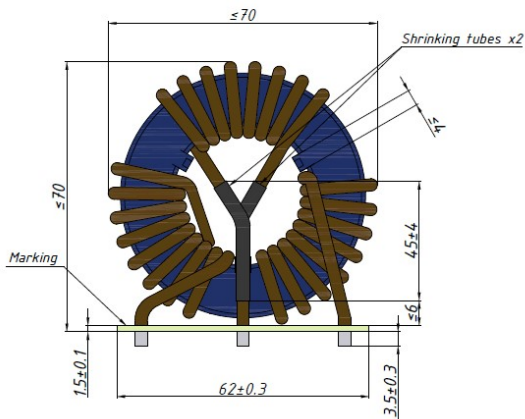
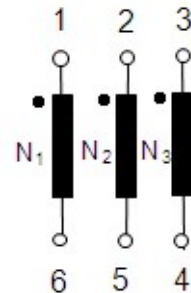
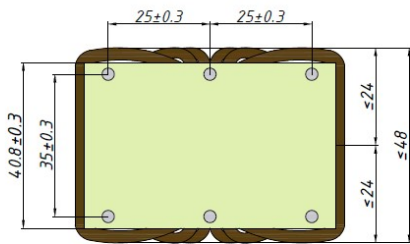


Product specification for Inductive Components

Form: MF04.07 (F190)
Revision: 01

Client:	Magnetec	Magnetec P/N:	MB-1367	Magnetec A/N:	12978
Client's p/n:	MB-1367	PS Index:	01	PS Revision:	01
Subject:	EMC Component				

1. Mechanical outline	Wiring diagram
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Tolerance of pin distance: +0,3 mm.

2. Nominal values

Core material:	NANOPERM®	High voltage strength:	Up,eff = 2,7 kV
Nominal voltage:	440 Veff AC	Ambient temperature:	-40 ... +60 °C
Nominal inductance:	3 x 2 mH	Max. operating temperature:	°C
Nominal current:	3 x 40* A	Storage temperature:	-40 ... +85 °C
Leakage inductances:	ca. 7 µH 100 kHz	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = N3 = 9	Wire diameter:	3 mm
Comments:	*Forced air cooling assumed		

3. Inspection values (at room temperature, unless otherwise stated)

Measured value	Measuring limits	Measuring configurations	
Inductivity L1; L2; L3 [mH]	1,2 - 2,8	f = 10 kHz	Ueff = 100 mV AC
Wire resistance Rcu1; Rcu2; Rcu3 [mOhms]	0 - 2,5	RT = 25 °C	IDC = 10A
HV strength between N1; N2; N3 / liso < 1mA	OK - NOK	Up,eff = 2,7 kV	t = 2 s
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4. Others

Marking:	MAGNETEC MB-1367-01 YM (YM = Year/Month), acc. to IEC 60062 6.1.1
Packaging:	

	6 pcs. per layer, 4 layers per carton box; PU = 24 pcs.
Comments:	Visit http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf for further information.

Index / Rev.	Alteration	Date
01 / 01	First revision	11.03.2021

Created:	Z. Braxátor	Approved (Techn):	A. Osipov	Approved (Quality):	V. Coceban	Released:	B. Kessler
	11.03.2021		12.07.2021		12.07.2021		15.07.2021

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