

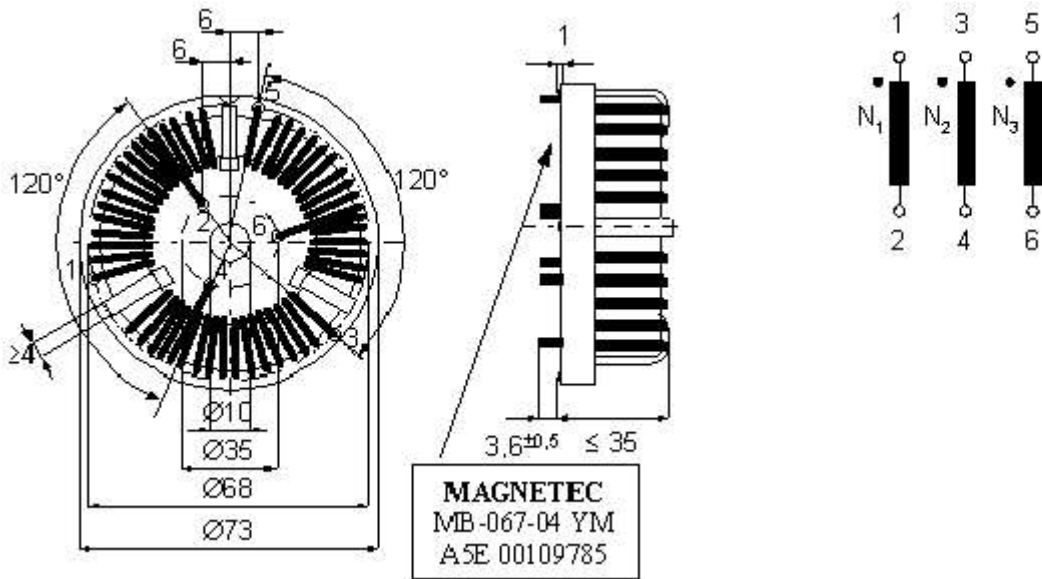


Product specification for Inductive Components

Form: MF04.07 (F190)
Revision: 01

Client:	Siemens Congleton	Magnetec P/N:	MB-067	Magnetec A/N:	12100
Client's p/n:	A5E00109785	PS Index:	04	PS Revision:	06
Subject:	EMC Component				

1. Mechanical outline	Wiring diagram
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Tolerance of pin distance: $\pm 0,3$ mm. Position of cable tie clip is on the lower side of the core's inner perimeter.

2. Nominal values			
Core material:	NANOPERM®	High voltage strength:	$U_{p,eff} = 2,8$ kV
Nominal voltage:	440 Veff AC	Ambient temperature:	-40 ... +60 °C
Nominal inductance:	3 x 4 mH	Max. operating temperature:	°C
Nominal current:	3 x 13* A	Storage temperature:	-40 ... +85 °C
Leakage inductances:	ca. 36 µH	Design standard:	EN 60938-1
No. of turns:	$N_1 = N_2 = N_3 = 20$	Wire diameter:	1,6 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]	2,8 - 6,0	f = 10 kHz	$I_{eff} = 1$ mA AC
Wire resistance Rcu1; Rcu2; Rcu3 [mOhms]	NA - 12,0	RT = 25 °C	IDC = 10A
HV strength between N1; N2; N3 / liso < 1mA	OK - NOK	$U_{p,eff} = 2,8$ kV	t = 2 s
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4. Others	
Marking:	MAGNETEC MB-067-04 YM (date of fabrication year / month)
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

03 / 04	Base plate MT-013.01 V.2 g=2 RoHS compliant Leakage inductance ca. 36 µH	08.10.2001
04 / 05		14.01.2009
04 / 06		04.01.2013

Created:	Z. Palánki	Approved (Techn):	F. Záborszky	Approved (Quality):	J. Gulyás	Released:	F. Rauscher
	04.01.2013		11.01.2013		25.01.2013		25.01.2013

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