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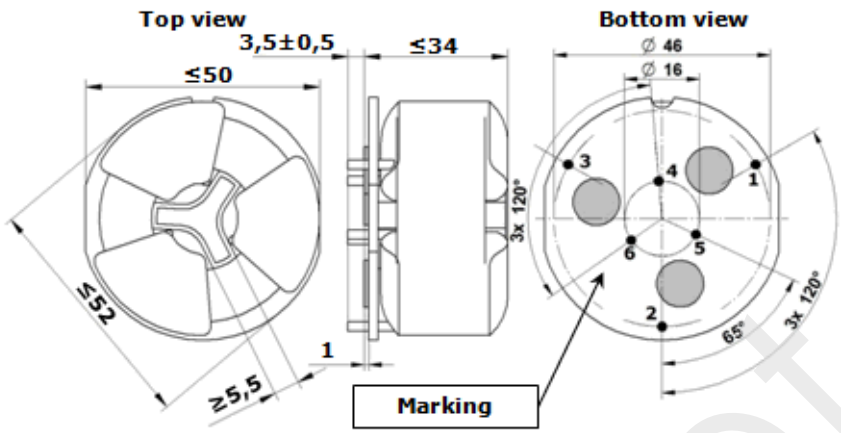
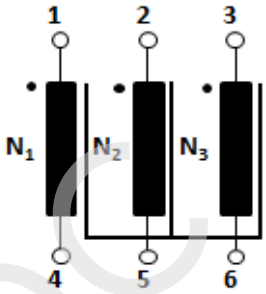
Client:	MAGNETEC	Magnetec P/N:	MB-617		
Client's p/n:	/	PS Index:	01	PS Revision:	02
Subject:	EMC Component				

1. Mechanical outline



Wiring diagram



2. Nominal values

Core material:	**NANOPERM®**	High voltage strength:	**Up,eff = 2,5 kV**
Nominal voltage:	**600 Veff AC**	Ambient temperature:	**-40 ... +70 °C**
Nominal inductance:	**3 x 11 mH**	Max. operating temperature:	**°C**
Nominal current:	**16 A**	Storage temperature:	**-40 ... +85 °C**
Leakage inductances:	**ca. 9 µH**	Design standard:	
No. of turns:	**N1 = N2 = N3 = 10**	Wire diameter:	**1,8 mm**
Comments:			

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

Measured value	Measuring limits	Measuring configurations	
Inductivity L1; L2; L3 [mH]	**7 - 14,8**	**f=10 kHz**	**Ieff=2 mA**
Inductivity L1; L2; L3 [mH]	**1,6 - 3,7**	**f=100 kHz**	**Ieff=2 mA**
Wire resistance Rcu1; Rcu2; Rcu3 [mOhms]	**0 - 6**	**T = 23±3 °C**	
HV strength between N1; N2; N3 / Iiso<1mA	**OK - NOK**	**Up,eff = 2,5 kV**	**t=2 s**
	-		

4. Others

Marking:	**MAGNETEC MB-617-01 YM (YM = Year/Month), acc. to IEC 60062 6.1.1**
Packaging:	**9 pcs. per layer, 4 layers per carton box; PU = 36 pcs.**
Comments:	Visit http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf for further information.

Index / Rev.	Alteration	Date
01 / 01	First issue	11.03.2015
01 / 02	Packaging change	11.02.2019

Created:	Z. Palánki 11.02.2019	Approved (Techn):	F. Zámborszky 10.04.2019	Approved (Quality):	R. Montvai 12.02.2019	Released:	B. Kessler 11.04.2019

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