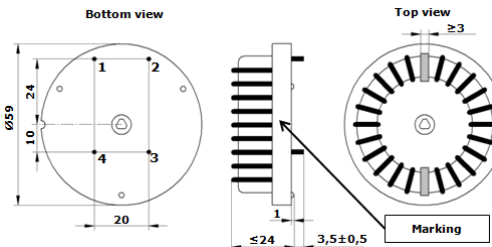
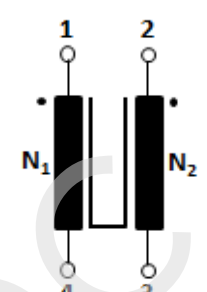


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Client:	MAGNETEC	Magnetec P/N:	MB-021
Client's p/n:		PS Index:	04
		PS Revision:	06
Subject:	EMC Component		

1. Mechanical outline	Wiring diagram
	
Pin position tolerance: $\pm 0,3\text{mm}$ Position of cable tie terminal clip is on the lower side of the cores inner perimeter.	

2. Nominal values			
Core material:	NANOPERM®	High voltage strength:	Up,eff = 2,5 kV
Nominal voltage:	250 Veff AC	Ambient temperature:	-40 ... +50 °C
Nominal inductance:	2 x 1,2 mH @ 100kHz	Max. operating temperature:	°C
Nominal current:	20 A	Storage temperature:	-40 ... +85 °C
Leakage inductances:	ca. 8 µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = 11	Wire diameter:	1,6 mm
Comments:			

3. Inspection values (at room temperature, unless otherwise stated)			
Measured value	Measuring limits	Measuring configurations	
Inductivity L1; L2 [mH]	0,7 - 1,5	f = 100 kHz	Ieff = 1,5 mA
Wire resistance Rcu1; Rcu2 [mOhms]	NA - 8,0	RT = 25 °C	
HV strength between N1 and N2 / Iiso < 1mA	OK - NOK	Up,eff = 2,5 kV	t = 2 s
	-		
	-		

4. Others	
Marking:	MAGNETEC MB-021-04 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
04 / 02	Product Specification with MT-012 baseplate	31.05.2005
04 / 03	Packaging change	01.07.2005
04 / 04	LN format	25.02.2013
04 / 05	Maximum height increased	30.03.2015
04 / 06	Change to paper based packaging	06.10.2016

Created:	Z. Palánki 06.10.2016	Approved (Techn):	F. Zámbořský 20.10.2016	Approved (Quality):	L. Ferencz 20.10.2016	Released:	T. Trupp 21.10.2016
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