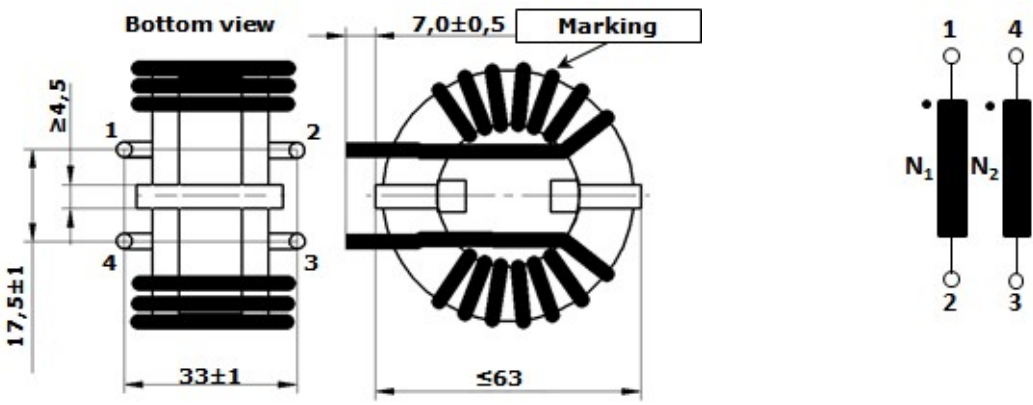


Product specification for Inductive Components

Form: MF04.07 (F190)
Revision: 01

Client:	MAGNETEC GmbH	Magnetec P/N:	MB-237	Magnetec A/N:	12345
Client's p/n:	-	PS Index:	03	PS Revision:	04
Subject:	EMC Component				

1. Mechanical outline	Wiring diagram
	
<p>The pins have to be tinned on the whole length minimum.</p>	

2. Nominal values			
Core material:	NANOPERM®	High voltage strength:	Up,eff = 1,5 kV
Nominal voltage:	250 Veff AC	Ambient temperature:	-20 ... +60 °C
Nominal inductance:	2 x 6,0 mH	Max. operating temperature:	°C
Nominal current:	36 A	Storage temperature:	-20 ... +85 °C
Leakage inductances:	~ 6 µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = 8	Wire diameter:	3 mm
Comments:			

3. Inspection values (at room temperature, unless otherwise stated)			
Measured value	Measuring limits	Measuring configurations	
Inductivity L1; L2 [mH]	4,0 - 10,0	f = 10 kHz	Ieff = 3 mA
Wire resistance Rcu1; Rcu2 [mOhms]	0 - 2,0	IDC = 10 A	RT = 25 °C
High voltage strength between N1 and N2 Iiso < 1mA	OK - NOK	Up,eff = 1,5 kV	t = 2s
	-		
	-		

4. Others	
Marking:	MAGNETEC MB-237-03 YM (YM = Year/Month), acc. to IEC 62 5.1
Packaging:	12 pcs. per layer, 2 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
03S / 01	Sample	16.01.2006
03 / 01	Product Specification	07.06.2007
03 / 02	PU = 24 pcs.	25.07.2007
03 / 03	Pinning length precised	24.01.2013
03 / 04	Drawing and wiring diagram updated	30.06.2015

Created:	Z. Palánki 30.06.2015	Approved (Techn):	F. Zámbořszky 06.07.2015	Approved (Quality):	J. Gulyás 06.07.2015	Released:	T. Trupp 06.07.2015
----------	--------------------------	-------------------	-----------------------------	---------------------	-------------------------	-----------	------------------------

Disclosing the specification to third parties or using its content without written permission from MAGNETEC is strictly forbidden and every offender is liable to pay the corresponding damages