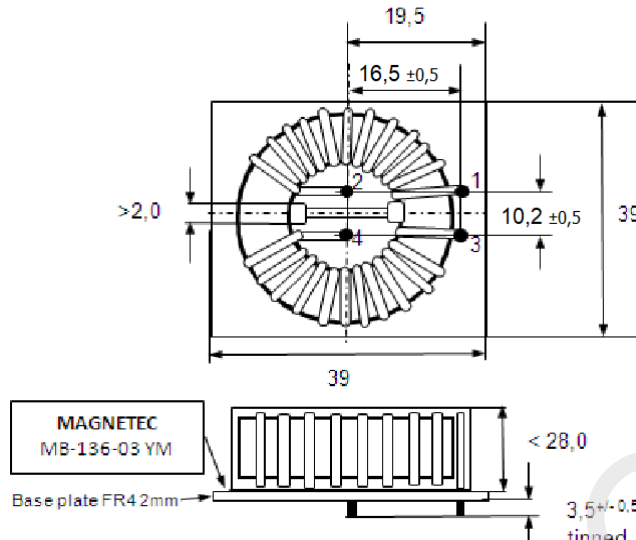
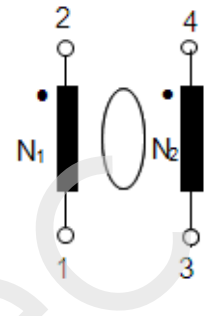


CONFIDENTIAL - Reproduction, publication and dissemination of this publication, enclosures hereto and the information contained therein is prohibited without MAGNETEC's prior written consent.

Client:	MAGNETEC	Magnetec P/N:	MB-136		
Client's p/n:	/	PS Index:	03	PS Revision:	03
Subject:	EMC Component				

1. Mechanical outline	Wiring diagram
	
	

2. Nominal values			
Core material:	NANOPERM®	High voltage strength:	2,5 kV eff
Nominal voltage:	250 Veff AC	Ambient temperature:	-40 ... +60 °C
Nominal inductance:	2 x 13,0 mH	Max. operating temperature:	°C
Nominal current:	16 A	Storage temperature:	-20 ... +85 °C
Leakage inductances:	ca. 10 µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = 16	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]	9,0 - NA	f = 10 kHz	Ieff = 1mA
Wire resistance Rcu1; Rcu2 [mOhms]	NA - 9,5	IDC = 10A	@ RT = 25°C
HV strength between N1; N2 / Iiso<1mA [kV]	OK - NOK	Up,eff = 2,5 kV	t = 2 s
	-		
	-		

4. Others	
Marking:	MAGNETEC MB-136-03 YM (Y= production year; M=month)
Packaging:	15 pcs. per layer, 5 layers per carton box; PU = 75 pcs.
Comments:	Visit http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf for further information.

Index / Rev.	Alteration	Date
02 / 01	Product Specification	09.12.2002
03 / 02	Base plate 39 x 39 x 2mm	08.02.2011
03 / 03	Adding of tolerance for pin positions	19.02.2022

Created:	E. Celan 19.02.2022	Approved (Techn):	M. Kovács	Approved (Quality):	V. Coceban 21.02.2022	Released:	B. Kessler 20.03.2023
----------	------------------------	-------------------	-----------	---------------------	--------------------------	-----------	--------------------------

CONFIDENTIAL - Reproduction, publication and dissemination of this publication, enclosures hereto and the information contained therein is prohibited without MAGNETEC's prior written consent. 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.