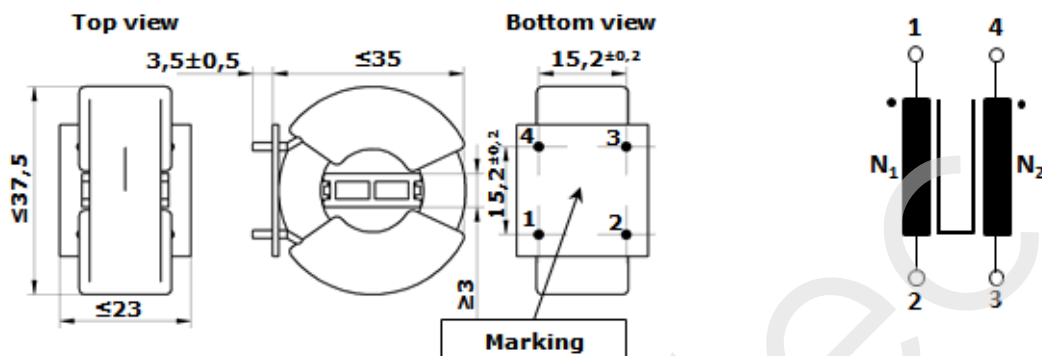


Client:	MAGNETEC	Magnetec P/N:	MB-696	
Client's p/n:	/	PS Index:	01	PS Revision: 02
Subject:	EMC Component			

Wiring diagram



Core material:	NANOPERM®	High voltage strength:	Up,eff = 2,5 kV
Nominal voltage:	250 Veff AC	Ambient temperature:	-40 ... +70 °C
Nominal inductance:	2 x 7 mH	Max. operating temperature:	°C
Nominal current:	10 A	Storage temperature:	-40 ... +85 °C
Leakage inductances:	~23 µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = 20	Wire diameter:	1,4 mm
Comments:			

Measured value	Measuring limits	Measuring configurations	
Inductivity L1; L2 [mH]	4,6 - 10,3	f = 10 kHz	Ueff = 0,1 V
Inductivity L1; L2 [mH]	3,1 - NA	f = 100 kHz	Ueff = 0,1 V
Wire resistance Rcu1; Rcu2 [mOhms]	0 - 12	T = 23±3 °C	
HV strength between N1; N2	OK - NOK	Ueff = 2,5 kV	t = 2 s
	-		

Marking:	MAGNETEC MB-696-01 YM (YM = Year/Month), acc. to IEC 60062 6.1.1
Packaging:	24 pcs. per layer, 4 layers per carton box; PU = 96 pcs.
Comments:	Visit http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf for further information.

Index / Rev.	Alteration	Date
01 / 01	First issue	15.02.2017
01 / 02	New Corporate Identity	19.07.2021

Created:	E. Celan 19.07.2021	Approved (Techn):	A. Osipov 19.07.2021	Approved (Quality):	V. Cocean 19.10.2021	Released:	B. Kessler 28.02.2022
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