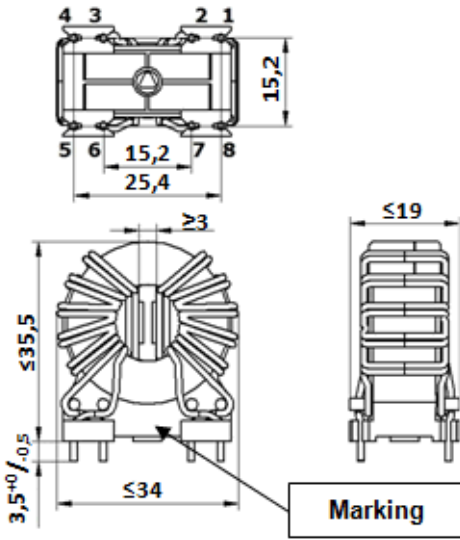
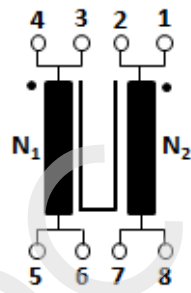


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Client:	MAGNETEC	Magnetec P/N:	MB-015		
Client's p/n:	/	PS Index:	03	PS Revision:	06
Subject:	EMC Component				

1. Mechanical outline	Wiring diagram
	

2. Nominal values			
Core material:	NANOPERM®	High voltage strength:	Up,eff = 2,5 kV
Nominal voltage:	250 Veff AC	Ambient temperature:	-40 ... +60 °C
Nominal inductance:	2 x 1,6 mH @ 10 kHz	Max. operating temperature:	°C
Nominal current:	22/28* A	Storage temperature:	-40 ... +85 °C
Leakage inductances:	ca. 2 µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = 5	Wire diameter:	2x 1,32 mm
Comments:	* in case of forced cooling		

3. Inspection values (at room temperature, unless otherwise stated)			
Measured value	Measuring limits	Measuring configurations	
Inductivity L1; L2 [mH]	1,04 - 2,31	f = 10 kHz	Ieff = 1 mA
Wire resistance Rcu1; Rcu2 [mOhms]	NA - 1,8	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-015-03 YM (YM = Year/Month), acc. to IEC 60062 6.1.1
Packaging:	30 pcs. per layer, 4 layers per carton box; PU = 120 pcs.
Comments:	Visit <a href="http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf">http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf</a> for further information.

Index / Rev.	Alteration	Date
03 / 03	LN format	15.02.2013
03 / 04	Wiring diagram corrected	08.04.2013
03 / 05	Inductivity change	04.08.2014
03 / 06	New Corporate Identity	07.07.2021

Created:	E. Celan	Approved (Techn):	A. Osipov	Approved (Quality):	V. Coceban	Released:	B. Kessler
	07.07.2021		10.12.2021		15.12.2021		07.07.2021

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