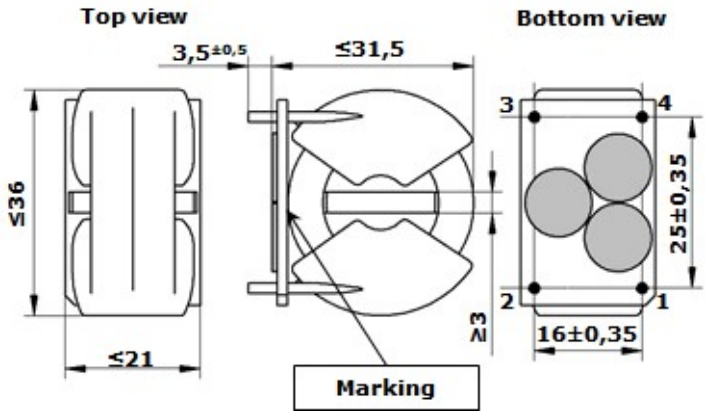
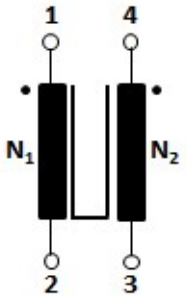
Magnetec	Product specification for Inductive Components	Form:	MF04.07 (F190)
		Revision:	01

Client:	MAGNETEC GmbH	Magnetec P/N:	MB-308	Magnetec A/N:	12535
Client's p/n:	/	PS Index:	01	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 11,4 mH @ 10 kHz 2 x 2,5 mH @ 100 kHz	Max. operating temperature:	°C
Nominal current:	13 A	Storage temperature:	-40 ... +85 °C
Leakage inductances:	ca. 19 µH @100 kHz	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = 19	Wire diameter:	1,5 mm
Comments:			

3. Inspection values (at room temperature, unless otherwise stated)

Measured value	Measuring limits	Measuring configurations	
Inductivity L1; L2 [mH]	7,0 - 17,4	Ueff=540 mV	f = 10 kHz
Inductivity L1; L2 [mH]	1,75 - 3,75	Ueff=540 mV	f = 100 kHz
Wire resistance Rcu1; Rcu2 [mOhms]	NA - 10,0	T = 23±3 °C	
HV strength between N1; N2 / Iiso<1mA	OK - NOK	Up,eff = 2,5 kV	t = 2 s
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4. Others

Marking:	MAGNETEC MB-308-01 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 http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf for further information.

Index / Rev.	Alteration	Date
01 / 01	Product Specification	30.11.2010
01 / 02	Height modified	18.02.2011
01 / 03	100kHz values added	01.03.2011
01 / 04	Drawing updated, separator change	30.08.2016
01 / 05	3 spacers in triangle shape	08.01.2018
01 / 06	Tolerance given for pin distances	29.07.2019

Created:	Z. Palánki 29.07.2019	Approved (Techn):	F. Zámborszky 04.10.2019	Approved (Quality):	G. Zsák 30.08.2019	Released:	B. Kessler 11.10.2019