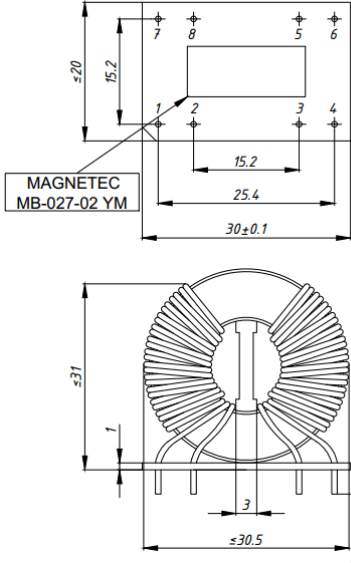
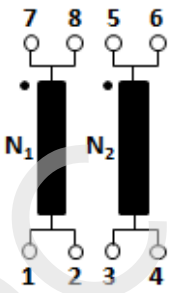


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Client:	MAGNETEC	Magnetec P/N:	MB-027		
Client's p/n:	/	PS Index:	02	PS Revision:	02
Subject:	EMC Component				

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 12 mH	Max. operating temperature:	°C
Nominal current:	10 A	Storage temperature:	-40 ... +85 °C
Leakage inductances:	ca. 9 µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = 14	Wire diameter:	0,8 mm
Comments:			

3. Inspection values (at room temperature, unless otherwise stated)			
Measured value	Measuring limits	Measuring configurations	
Inductivity L1; L2 [mH]	7,5 - 19	f = 10kHz	Ieff = 1 mA
Wire resistance Rcu1; Rcu2 [mOhms]	0 - 12	RT = 25°C	
HV strength between N1 and N2 / Iiso<1mA	OK - NOK	Up,eff = 1,5 kV	t = 2s
	-		
	-		

4. Others	
Marking:	MAGNETEC MB-027-02 YM (YM = Year/Month), acc. to IEC 62 5.1
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
02 / 00	Product Specification	26.10.2004
02 / 01	LN format, HV strength change	11.03.2013
02 / 02	Dimensional changes	09.06.2021

Created:	E. Celan	Approved (Techn):	A. Osipov	Approved (Quality):	V. Cocean	Released:	B. Kessler
	09.06.2021		09.06.2021		07.10.2021		12.11.2021

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