



Product specification for Inductive Components

Form: MF04.07 (F190)
Revision: 01

Client:	Magnetec	Magnetec P/N:	MB-673	Magnetec A/N:	12991
Client's p/n:	/	PS Index:	01	PS Revision:	01
Subject:	CT Component				

<p>1. Mechanical outline</p> <p>Hole pattern position dimensions can be considered with ± 0 mm tolerance. Pins: $0,64 \pm 0,05$ mm square, material: CuNi18Zn20 alloy or tinned Cu. Plastic materials are UL listed. The part can withstand wave soldering at 260°C 10s.</p>	<p>Wiring diagram</p>
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2. Nominal values			
Core material:	NANOPERM®	High voltage strength:	0,5 kV (type test)
Nominal voltage:		Ambient temperature:	-40 ... +95 °C
Nominal inductance:	2 x 237 mH	Max. operating temperature:	°C
Nominal current:		Storage temperature:	-40 ... +95 °C
Leakage inductances:		Design standard:	
No. of turns:	N1=N2=100; N3=20	Wire diameter:	0,14 mm
Comments:			

3. Inspection values (at room temperature, unless otherwise stated)			
Measured value	Measuring limits	Measuring configurations	
Inductivity L1; L2 (RT=25 °C) [mH]	175 - 300	f = 50 Hz	Urms = 100 mV
Wire resistance Rcu1; Rcu2 (RT=25 °C) [Ohms]	2,2 - 3,0		
Number of turns N1; N2 [turns]	100 + / - 0		
Number of turns N3 [turns]	20 + / - 0		

4. Others	
Marking:	MB-673-01 YM (YM = Year/Month), acc. to IEC 60062:2004 6.1.1
Packaging:	20 pcs. per layer, 4 layers per carton box; PU = 80 pcs.
Comments:	Visit http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf for further information.

Index / Rev.	Alteration	Date
01 / 01	First issue	12.08.2021

Created:	Z. Palánki	Approved (Techn):	F. Záborszky	Approved (Quality):	Sz. Ilcsik	Released:	D. Tóth
	12.08.2021		13.12.2021		09.11.2021		05.11.2021

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