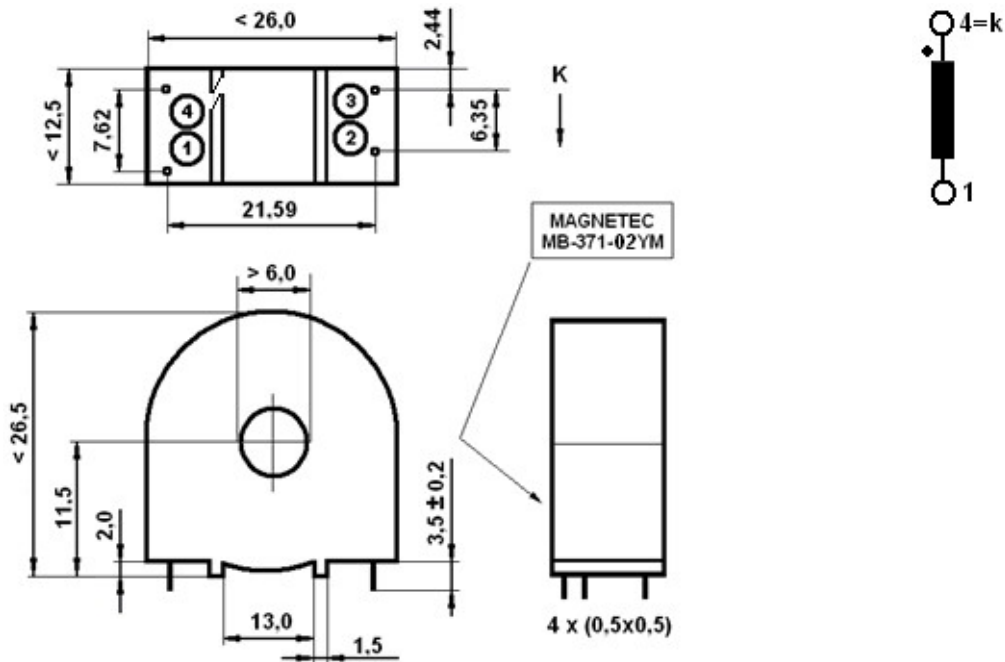


Product specification for Inductive Components

Form: MF04.07 (F190)
Revision: 01

Client:	Magnetec GmbH	Magnetec P/N:	MB-371	Magnetec A/N:	12633
Client's p/n:	/	PS Index:	02	PS Revision:	02
Subject:	CT Component				

1. Mechanical outline	Wiring diagram
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2. Nominal values

Core material:	NANOPERM®	High voltage strength:	1,5 kV
Nominal voltage:	- Veff AC	Ambient temperature:	-40 ... +85 °C
Nominal inductance:	1 x 110 H	Max. operating temperature:	°C
Nominal current:	$I_{p,eff} = 6 \text{ A}$	Storage temperature:	-40 ... +85 °C
Leakage inductances:		Design standard:	EN 62053-22
No. of turns:	$N_2 = 2000 \pm 20$	Wire diameter:	0,1 mm
Comments:	$I_{max} = 48 \text{ A}$; Recommended $R_b = 100 \text{ Ohm}$ to reach $U_b = 0,3 \text{ V rms}$ at nominal current. Type test: $U_{p,eff} = 4,5 \text{ kV}$, 1 min.		

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

Measured value	Measuring limits	Measuring configurations	
Inductivity L2 [H]	75 - NA	f = 50 Hz	Ueff = 1 V
Wire resistance Rcu2 [Ohms]	0 - 150	RT = 25 °C	
N2 turns	1980 - 2020		
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	-		

4. Others

Marking:	"MAGNETEC MB-371-02 YM" (date of fabrication year / month)
Packaging:	48 pcs. per layer, 5 layers per carton box; PU = 240 pcs.

Comments: Visit http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf for further information.

Index / Rev.	Alteration	Date
02 / 01	Product specification	25.01.2013
02 / 02	Packaging change	22.04.2013

Created:	Zs. Sándor 22.04.2013	Approved (Techn):	F. Záborszky 22.04.2013	Approved (Quality):	J. Gulyás 22.04.2013	Released:	H. Doenges 22.04.2013
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