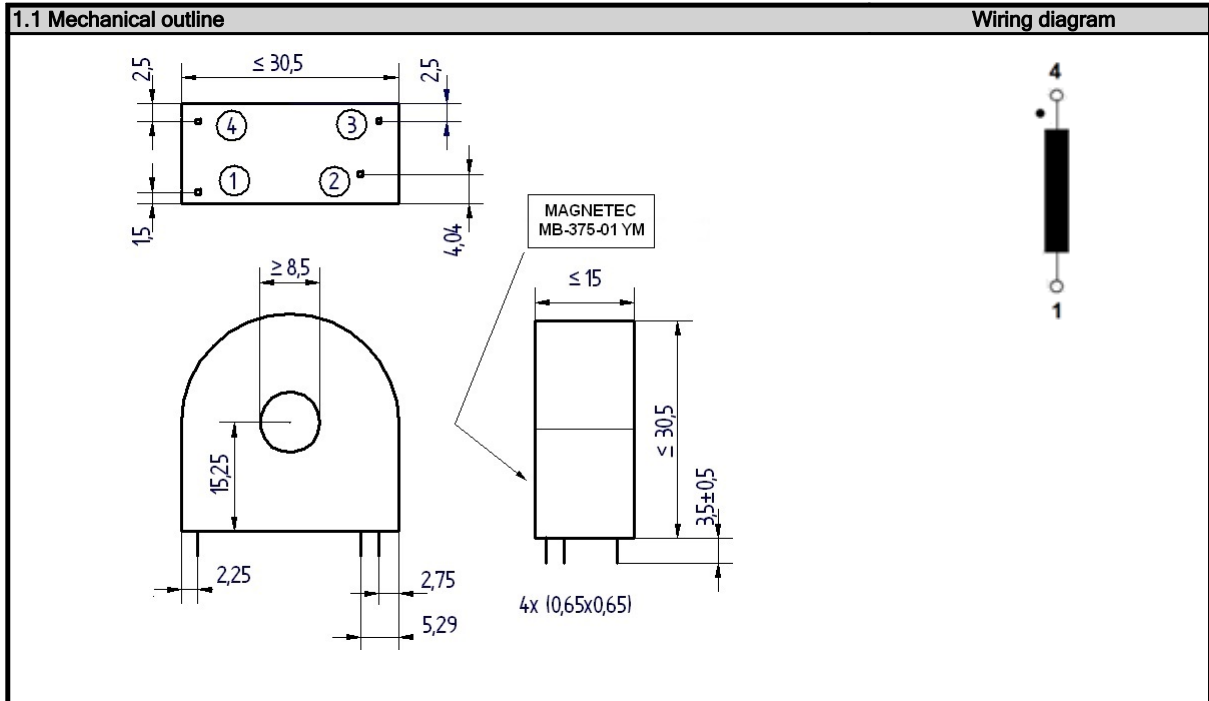


FORM Identifier: F 190 Revision: 02 Page: 1/1	Product specification for Inductive Components	MAGNETEC GmbH Industriestrasse 7 D-63505 Langenselbold
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Client:	MAGNETEC	Magnetec P/N:	MB-375	Magnetec A/N:	12697
Client's p/n:	/	PS Index:	01	PS Revision:	01
Subject:	CT Component			Type:	K



2. Nominal values			
Core material:	NANOPERM®	Wire Resistance:	≤ 65 Ohms
Nominal voltage:	- Veff AC	High voltage strength:	1,5 kV
Nominal inductance:	1 x 2,9 H	Operating temperature:	-40 ... +85 °C
Nominal current:	I _{p eff} = 60 A	Storage temperature:	-40 ... +85 °C
Leakage inductances:		Design standard:	EN 62053-21
No. of turns:	N2 = 2500 turns	Wire diameter:	0,16 mm
Comments:	I DC peak = 60 A; Recommended R _b = 12,5 Ohm to reach U _b = 0,3 V,rms.		

3. Inspection values			
	Measured value	Measuring limits	Measuring configurations
Inductivity L2 [H]		2,5 - 3,3	f = 50 Hz
Wire resistance R _{cu2} [Ohms]		0 - 65	RT = 25 °C
N2 turns		2475 - 2525	U _{eff} = 1V
		-	
		-	

4. Others	
	Marking: MAGNETEC MB-375-01 YM (YM = Year/Month), acc. to IEC 60062 6.1.1 Packaging: 30 pcs. per layer, 5 layers per carton box; PU = 150 pcs. Comments:

Index / Rev.	Alteration	Date
01 / 01	Product Specification	04.08.2014

Created:	D. Tóth	Approved (Techn):	F. Zámorszky	Approved (Quality):	J. Gulyás	Released:	F. Rauscher
	04.08.2014		06.08.2014		07.08.2014		07.08.2014