

FORM Identifier: F 190 Revision: 01 Page: 1/1	Product specification for Inductive Components	MAGNETEC GmbH Industriestrasse 7 D-63505 Langenselbold
---	---	---

Client:	MAGNETEC GmbH	Magnetec P/N:	MB-376	Magnetec A/N:	
Client's p/n:	/	PS Index:	01S	PS Revision:	01
Subject:	CT Component			Type:	K

1.1 Mechanical outline <p style="text-align: center;">Tinned end of wires: 10±3 mm.</p>	1.2 Wiring diagram <p style="text-align: center;">Wire diameter 0,16 mm</p> <p> <input checked="" type="checkbox"/> Date code acc. to IEC 62 5.1 (YM) <input type="checkbox"/> Date code acc. to IEC 62 5.2 (YW) <input checked="" type="checkbox"/> RoHS compliant acc. to 2002/95/EC </p>
---	---

2. Nominal values			
Core material:	NANOPERM®	Wire Resistance:	R_{cu2} < 65 Ohms
Nominal voltage:	- V_{off}	High voltage strength:	1,5 kV
Nominal inductance:	1 x 2,75 H	Operating temperature:	-40... +70 °C
Nominal current:	I_{p eff} = 60 A	Storage temperature:	-40 ... +85 °C
Leakage inductances:		Standard:	EN 60938-1
Comments:	N2 = 2500 turns I Dc peak = 60 A		

3. Inspection values			
	Measured value	Measuring limits	Measuring configurations
Inductivity L2 [H]		2,34 - 3,16	f = 1 kHz RT = 25 °C U _{eff} = 1V
Wire resistance R _{cu2} [Ohms]		0 - 65	
N2 turns		2475 - 2525	
		-	
		-	

4. Others	
Marking:	MAGNETEC MB-376-01 YM
Packaging:	30 pcs. per layer, 5 layers per carton box; PU = 150 pcs.
Comments:	

Index / Rev.	Alteration	Date
01S / v01	Preliminary Specification	29.04.2009

Created:	Zs. Sándor 29.04.2009	Approved (Techn):		Approved (Quality):		Released:	
-----------------	--------------------------	--------------------------	--	----------------------------	--	------------------	--