

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-475	Magnetec A/N:	82686
Client's p/n:	/	PS Index:	01S	PS Revision:	01
Subject:	CT Component			Type:	K

1.1 Mechanical outline <p style="text-align: center;">MAGNETEC MB-475-01 SAMPLE YM</p> <p style="text-align: center;">1 2 1 2</p> <p>Tinned end of wires: 10±3 mm.</p>	1.2 Wiring diagram <p style="text-align: center;">Wire diameter 0,16 mm</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
---	--

2. Nominal values				
Core material:	NANOPERM®	Wire Resistance:	Rcu2 < 65 Ohms	
Nominal voltage:	- V _{eff}	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	U _{eff} = 1V
	Wire resistance Rcu2 [Ohms]	0 - 65	RT = 25 °C	
	N2 turns	2475 - 2525		
		-		
		-		

4. Others	
Marking:	MAGNETEC MB-475-01 SAMPLE YM (Y = Production year / M = Production month)
Packaging:	30 pcs. per layer, 5 layers per carton box; PU = 150 pcs.
Comments:	

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

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