

FORM Identifier: F 108 Revision: 03 Page: 1/1	Product specification for inductive components	MAGNETEC GmbH Industriestrasse 7 D-63505 Langenselbold
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Client:	MAGNETEC GmbH	Magnetec P/N:	M-381	Magnetec A/N:	12349
Client's P/N:	/	PS Index:	04	PS Revision:	04
Subject:	EMC Wandler			Type:	E

1. Mechanical Outline	
Nominal core dimensions: 40 x 32 x 15 Finished product dimensions: OD \leq 43,1 ID \geq 28,8 H \leq 17,4 [dimensions] = mm	

2. Core data			
Core material:	NANOPERM®	$L_{Fe} = 11,26 \text{ cm}$	$A_{Fe} = 0,47 \text{ cm}^2$
Nominal values:	Permeability level	@ frequency	@ H peak
	> 90 000	10 kHz	3,14 mA/cm

3. Inspection values				
	Measured value	Measurement limits	Frequency	leff x N [mA x turn]
	AL1 [μ H]	33,0 - 99,0	10 kHz	25
	AL2 [μ H]	8,4 - 15,6	100 kHz	25

4. Core finishing	
Type:	Cased
Marking:	MAGNETEC M-381-04 YM (Y = year / M = month)
Packaging:	24 pcs. per layer; 5 layers per carton box; PU = 120 pcs.

5. Comments:	
	100 kHz value test necessary at null serie <input checked="" type="checkbox"/> Marking date code (YM) acc. to IEC 62 5.1; YM = production year and month <input checked="" type="checkbox"/> RoHS compliant according to directive 2002/95/EC

Index / Revision	Alteration	Date
01 / 01	Product Specification	08.02.2006
02 / 02	Cased version	21.03.2006
03 / 03	Improved DC behaviour	17.05.2006
04 / 04	Case material Ultramid; Case height \leq 17,5 mm, 100 kHz value	28.03.2011

Created:	Zs. Eperjesi	Approved (Techn):	F. Zámberszky	Approved (Quality):	V. Kaposztas	Released:	F. Rauscher
	28.03.2011		26.04.2011		26.04.2011		26.04.2011