

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-454	Magnetec A/N:	12402
Client's P/N:	/	PS Index:	01	PS Revision:	03
Subject:	EMC Wandler	Type:	K		

1. Mechanical Outline	
Nominal core dimensions: 102 x 76 x 25 Finished product dimensions: OD ≤ 108,1 ID ≥ 70,0 H ≤ 30,3 [dimensions] = mm	

2. Core data			
Core material:	NANOPERM®	$L_{Fe} = 27,76 \text{ cm}$	$A_{Fe} = 2,41 \text{ cm}^2$
Nominal values:	Permeability level	@ frequency	@ H peak
	8.000	10 kHz	3 mA/cm

3. Inspection values				
	Measured value	Measurement limits	Frequency	leff x N [mA x turn]
	AL [μH]	6,10 - 12,19	10 kHz	59
	AL [μH]	5,19 - 10,36	100 kHz	59

4. Core finishing	
Type:	Cased
Marking:	MAGNETEC M-454-01 YM
Packaging:	4 pcs. per layer; 3 layers per carton box; PU = 12 pcs.

5. Comments:	
	<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	20.09.2007
01 / 02	Correction of AL limits	16.01.2008
01 / 03	AL limit and working point change	22.10.2010

Created:	Z. Palánki	Approved (Techn):	F. Záborszky	Approved (Quality):	V. Káposztás	Released:	F. Rauscher
	22.10.2010		22.10.2010		22.10.2010		22.10.2010