

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	Magnetec P/N:	M-456	Magnetec A/N:	12425
Client's P/N:	/	PS Index:	01	PS Revision:	03
Subject:	EMC Wandler	Type:	K		

1. Mechanical Outline	
Nominal core dimensions: 160 x 130 x 30 Finished product dimensions: OD ≤ 165,2 ID ≥ 122,8 H ≤ 33,2 [dimensions] = mm	

2. Core data			
Core material:	NANOPERM®	$L_{Fe} = 44,98 \text{ cm}$	$A_{Fe} = 3,50 \text{ cm}^2$
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]	5,48 - 10,94	10 kHz	95
	AL [μH]	4,65 - 9,29	100 kHz	95

4. Core finishing	
Type:	Cased
Marking:	MAGNETEC M-456-01 YM
Packaging:	1 pcs. per layer; 5 layers per carton box; PU = 5 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	10.01.2008
01 / 02	AL value range	05.06.2008
01 / 03	AL limits and working point	30.09.2010

Created:	Z. Palánki	Approved (Techn):	F. Záborszky	Approved (Quality):	V. Káposztás	Released:	F. Rauscher
	30.09.2010		12.10.2010		19.10.2010		19.10.2010