

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-455	Magnetec A/N:	12424
Client's P/N:	/	PS Index:	01	PS Revision:	02
Subject:	EMC Wandler	Type:	K		

1. Mechanical Outline	
Nominal core dimensions: 130 x 100 x 30 Finished product dimensions: OD ≤ 135,0 ID ≥ 94,6 H ≤ 33,8 [dimensions] = mm	

2. Core data			
Core material:	NANOPERM®	$L_{Fe} = 35,92 \text{ cm}$	$A_{Fe} = 3,33 \text{ cm}^2$
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]	6,53 - 13,04	10 kHz	76
	AL [μH]	5,55 - 11,08	100 kHz	76

4. Core finishing	
Type:	Cased
Marking:	MAGNETEC M-455-01 YM
Packaging:	2 pcs. per layer; 2 layers per carton box; PU = 4 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	22.01.2008
01 / 02	AL limit and working point change	11.02.2008

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