

FORM Identifier: F 108 Revision: 04 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-683	Magnetec A/N:	12566
Client's P/N:	/	PS Index:	01	PS Revision:	02
Subject:	EMC Wandler	Type:	K		

1. Mechanical Outline	
<p>Nominal core dimensions: 80 x 63 x 30</p> <p>Finished product dimensions: OD ≤ 84,7 ID ≥ 57,0 H ≤ 35,4</p> <p>[dimensions] = mm</p>	

2. Core data			
Core material:	NANOPERM®	$L_{Fe} = 22,21 \text{ cm}$	$A_{Fe} = 1,90 \text{ cm}^2$
Nominal values:	Permeability level 4 000	@ frequency 10 kHz	@ H peak 3 mA/cm

3. Inspection values				
	Measured value	Measurement limits	Frequency	$I_{eff} \times N$ [mA x turn]
	AL [μH]	3,0 - 6,0	10 kHz	47
	AL [μH]	3,0 - 6,0	100 kHz	47

4. Core finishing	
Type:	Cased
Marking:	MAGNETEC M-683-01 YM (YM = Year/Month), acc. to IEC 62 5.1
Packaging:	6 pcs. per layer; 2 layers per carton box; PU = 12 pcs.

5. Comments:	

Index / Revision	Alteration	Date
01 / 01	Product Specification	31.08.2011
01 / 02	Permeability level correction	31.01.2012

Created:	Z. Palánki	Approved (Techn):	F. Záborszky	Approved (Quality):	J. Gulyás	Released:	F. Rauscher
	31.01.2012		03.02.2012		03.02.2012		03.02.2012