

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-028	Magnetec A/N:	12028
Client's P/N:	/	PS Index:	04	PS Revision:	01
Subject:	EMC Wandler			Type:	E

1. Mechanical Outline	
Nominal core dimensions: 130 x 100 x 25 Finished product dimensions: OD ≤ 134,5 ID ≥ 95,0 H ≤ 28,5 [dimensions] = mm	

2. Core data			
Core material:	NANOPERM®	$L_{Fe} = 35,92 \text{ cm}$	$A_{Fe} = 2,74 \text{ cm}^2$
Nominal values:	Permeability level	@ frequency	@ H_{max}
	27.000	10 kHz	3,1 mA/cm

3. Inspection values				
	Measured value	Measurement limits	Frequency	leff x N [mA x turn]
	AL [μH]	18,1 - 36,2	10 kHz	80

4. Core finishing	
Type:	Epoxy coated
Marking:	MAGNETEC M-028-04 YM
Packaging:	2 pcs. per layer; 3 layers per carton box; PU = 6 pcs.

5. Comments:	
	$P_{FE} \leq 110 \text{ W/kg}$ @ $B_{max}=300 \text{ mT}$ and $f=100 \text{ kHz}$ <input checked="" type="checkbox"/> Date code (YM) on marking acc. to IEC 62 5.1; YM = production year and month <input checked="" type="checkbox"/> RoHS compliant acc. to Directive 2002/95/EC

Index / Revision	Alteration	Date
03S / 01	Sample	05.04.2007
04 / 01	Product Specification; AL = 18,1 - 36,2 μH	09.05.2007

Created:	A. Kovách	Approved (Techn):	F. Zámbořszky	Approved (Quality):	V. Kaposztas	Released:	F. Rauscher
	09.05.2007		09.05.2007		10.05.2007		10.05.2007