

FORM Identifier: F 108 Revision: 03 Page: 1/1	<b>Product specification for inductive components</b>	MAGNETEC GmbH Industriestrasse 7 D-63505 Langenselbold
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Client:	MAGNETEC GmbH	Magnetec P/N:	M-205	Magnetec A/N:	80532
Client's P/N:	/	PS Index:	04S	PS Revision:	01
Subject:	EMC Wandler	Type:	E		

1. Mechanical Outline	
<p>Nominal core dimensions: <b>300 x 254 x 30</b></p> <p>Finished product dimensions: OD ≤ 304,0 ID ≥ 246,0 H ≤ 36,0</p> <p>[dimensions] = mm</p>	

2. Core data			
Core material:	NANOPERM®	$L_{Fe} = 87,1 \text{ cm}$	$A_{Fe} = 5,2 \text{ cm}^2$
Nominal values:	Permeability level 30.000	@ frequency 10 kHz	@ H peak 3,14 mA/cm

3. Inspection values				
	Measured value	Measurement limits	Frequency	leff x N [mA x turn]
	AL [μH]	15,8 - 31,5	10 kHz	185

4. Core finishing	
Type:	Cased
Marking:	MAGNETEC M-205-04 YMSAMPLE
Packaging:	1 pcs. per layer; 1 layers per carton box; PU = 1 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
01S / 01	Sample / Epoxy coated core	03.09.2002
02S / 01	Sample / Cased core	17.03.2003
03S / 01	Sample / Nominal core dimensions 300 x 254 x 30mm / AL = 16,4 - 32,7 μH	01.12.2003
04S / 01	Sample / Turned case / AL = 15,8 - 31,5 μH	10.01.2007

Created:	F. Záborszky	Approved (Techn):	J. Nyéki	Approved (Quality):	V. Káposztás	Released:	F. Rauscher
	10.01.2007						