

FORM Identifier: F 108 Revision: 04 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-648	Magnetec A/N:	82662
Client's P/N:	/	PS Index:	01S	PS Revision:	01
Subject:	EMC Wandler			Type:	

**Preliminary datasheet: This document is strictly confidential! It is subject to change without prior notice!**

1. Mechanical Outline	
<p>Nominal core dimensions: 300 x 250 x 30</p> <p>Finished product dimensions: OD ≤ 392,0 (B) / 160,0 (D) ID ≥ 326,0 (A) / 94,0 (C) H ≤ 37,0</p> <p>[dimensions] = mm</p> <p>DEVELOPMENT SAMPLE</p>	

2. Core data (nominal values)			
Core material:	NANOPERM®	$L_{Fe} = 87,1 \text{ cm}$	$A_{Fe} = 5,2 \text{ cm}^2$
Permeability level:	ca. 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 (uncut) [μH]	15,8 - 31,5	10 kHz	185

4. Core finishing	
Type:	Impregnated into case and cut into halves, cut surface is polished
Marking:	MAGNETEC M-648-01 SAMPLE YM (YM = Year/Month), acc. to IEC 62 5.1
Packaging:	2 pcs. per layer; 2 layers per carton box; PU = 4 pcs.

5. Comments:	
	* before impregnation and cut

Index / Revision	Alteration	Date
01S / 01	Sample	02.07.2009

Created:	Á. Kováč	Approved (Techn):		Approved (Quality):		Released:	
	03.07.2009						