

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-614	Magnetec A/N:	12533
Client's P/N:	/	PS Index:	02	PS Revision:	02
Subject:	EMC Wandler	Type:	E		

1. Mechanical Outline	
Nominal core dimensions: 100 x 80 x 30 Finished product dimensions: OD ≤ 105 ID ≥ 75 H ≤ 35 [dimensions] = mm	

2. Core data (nominal values)			
Core material:	NANOPERM®	$L_{Fe} = 28,16 \text{ cm}$	$A_{Fe} = 2,25 \text{ cm}^2$
Permeability level:	~60 000	@ frequency 10 kHz	@ H peak 3 mA/cm

3. Inspection values				
	Measured value	Measurement limits	Frequency	$l_{eff} \times N$ [mA x turn]
	AL[μH]	42,4 - 84,3	10 kHz	60
	AL[μH]	14,5 - NA	100 kHz	60

4. Core finishing	
Type:	Cased
Marking:	MAGNETEC M-614-02 YM (YM = Year/Month), acc. to IEC 62 5.1
Packaging:	4 pcs. per layer; 3 layers per carton box ; PU = 12 pcs.

5. Comments:	

Index / Revision	Alteration	Date
01 / 01	Product specification	18.11.2010
02 / 02	Index and permeability changed->permeability level 60k@10kHz, 100kHz AL-limit introduced, no 50Hz inspection value	21.10.2013

Created:	Z. Palánki	Approved (Techn):	F. Záborszky	Approved (Quality):	J. Gulyás	Released:	T. Trupp
	21.10.2013		05.11.2013		05.11.2013		05.11.2013