

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-142	Magnetec A/N:	12138
Client's P/N:	/	PS Index:	06	PS Revision:	05
Subject:	EMC Wandler			Type:	E

1. Mechanical Outline	
Nominal core dimensions: 133 x 104 x 20 Finished product dimensions: OD \leq 172,0 (B) / 78,0 (D) ID \geq 131,0 (A) / 37,0 (C) H \leq 25,0 [dimensions] = mm	

2. Core data			
Core material:	NANOPERM®	$L_{Fe} = 37,0 \text{ cm}$	$A_{Fe} = 2,1 \text{ cm}^2$
Nominal values:	Permeability level	@ frequency	@ H_{max}
	~30.000	10 kHz	3,0 mA/cm

3. Inspection values				
	Measured value	Measurement limits	Frequency	leff x N [mA x turn]
	AL [μH]	16,0 - 32,0	10 kHz	80

4. Core finishing	
Type:	Cased
Marking:	MAGNETEC M-142-06 YM
Packaging:	4 pcs. per layer; 3 layers per carton box; PU = 12 pcs.

5. Comments:	
	<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
05 / 04	Milled case	05.07.2005
06 / 05	Moulded case / PU = 12 pcs.	10.11.2008

Created:	Á. Kovách	Approved (Techn):	F. Záborszky	Approved (Quality):	V. Káposztás	Released:	F. Rauscher
	10.11.2008		12.11.2008		13.11.2008		13.11.2008