

FORM Identifier: F 108 Revision: 03 Page: 1/1	Product specification for inductive components	MAGNETEC GmbH Industriestrasse 7 D-63505 Langenselbold
--	---	--



Client:	MAGNETEC GmbH	Magnetec P/N:	M-116	Magnetec A/N:	12158
Client's P/N:	/	PS Index:	03	PS Revision:	04
Subject:	EMC Wandler	Type:	E		

1. Mechanical Outline	
<p>Nominal core dimensions: 160 x 130 x 30</p> <p>Finished product dimensions: OD ≤ 165,0 ID ≥ 123,0 H ≤ 34,0</p> <p>[dimensions] = mm</p>	

2. Core data			
Core material:	NANOPERM®	$L_{Fe} = 45,39 \text{ cm}$	$A_{Fe} = 3,24 \text{ cm}^2$
Nominal values:	Permeability level	@ frequency	@ H_{max}
	~30 000	10 kHz	3,12 mA/cm

3. Inspection values				
	Measured value	Measurement limits	Frequency	$l_{eff} \times N$ [mA x turn]
	AL [μH]	20,9 - 45,0	10 kHz	100

4. Core finishing	
Type:	Cased
Marking:	MAGNETEC M-116-03 YM
Packaging:	1 pcs. per layer; 5 layers per carton box; PU = 5 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
03 / 01	Moulded case	10.06.2005
03 / 02	New form	02.03.2007
03 / 03	PU = 5 pcs	30.08.2007
03 / 04	OD ≤ 165,0 mm, ID ≥ 123,0mm, H ≤ 34,0 mm	25.09.2008

Created:	Á. Kovách	Approved (Techn):	F. Záborszky	Approved (Quality):	V. Kaposztas	Released:	F. Rauscher
	25.09.2008		26.09.2008		26.09.2008		26.09.2008