

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-118	Magnetec A/N:	12114
Client's P/N:		PS Index:	02	PS Revision:	02
Subject:	EMC Wandler			Type:	E

1. Mechanical Outline	
Nominal core dimensions: 16 x 10,2 x 6 Finished product dimensions: OD ≤ 18,0 ID ≥ 8,5 H ≤ 8,0 [dimensions] = mm	

2. Core data			
Core material:	NANOPERM®	$L_{Fe} = 4,05 \text{ cm}$	$A_{Fe} = 0,13 \text{ cm}^2$
Nominal values:	Permeability level	@ frequency	@ H_{max}
	90.000	10 kHz	3,49 mA/cm

3. Inspection values				
	Measured value	Measurement limits	Frequency	leff x N [mA x turn]
	AL [μH]	28,4 - 56,9	10 kHz	10,0

4. Core finishing	
Type:	cased
Marking:	"MAGNETEC - M-118-02 YM" (YM = Production year/month)
Packaging:	72 pcs. per layer; 5 layers per carton box; PU = 360 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
01 / 01	Product Specification	13.09.2001
02 / 01	Core di = 10,2 mm	09.10.2003
02 / 02	Da ≤ 18,0 mm, Di ≥ 8,5 mm / RoHS compliance	21.09.2005

Created:	Á. Kovách	Approved (Techn):	J. Nyeki	Approved (Quality):	V. Kaposztas	Released:	F. Rauscher
	21.09.2005		27.09.2005		04.10.2005		05.10.2005