

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-113	Magnetec A/N:	12141
Client's P/N:	/	PS Index:	02	PS Revision:	03
Subject:	EMC Wandler			Type:	E

1. Mechanical Outline	
Nominal core dimensions: 80 x 63 x 30 Finished product dimensions: OD ≤ 85,0 ID ≥ 57,0 H ≤ 35,5 [dimensions] = mm	

2. Core data (nominal values)			
Core material:	NANOPERM®	$L_{Fe} = 22,36 \text{ cm}$	$A_{Fe} = 1,86 \text{ cm}^2$
Permeability level:	ca. 30 000	@ frequency 10 kHz	@ H peak 3,16 mA/cm

3. Inspection values				
	Measured value	Measurement limits	Frequency	leff x N [mA x turn]
	AL [μH]	24,1 - 48,2	10 kHz	50
	AL [μH]	12 - NA	100 kHz	50

4. Core finishing	
Type:	Cased
Marking:	MAGNETEC M-113-02 YM (YM = Year/Month), acc. to IEC 60062 6.1.1
Packaging:	6 pcs. per layer; 2 layers per carton box ; PU = 12 pcs.

5. Comments:	

Index / Revision	Alteration	Date
02 / 01	Product spezifikation; Moulded case	15.06.2005
02 / 02	PU = 12 pcs	17.07.2007
02 / 03	100kHz lower limit defined	10.05.2014

Created:	Z. Palánki	Approved (Techn):	F. Zámorszky	Approved (Quality):	J. Gulyás	Released:	T. Trupp
	10.05.2014		23.05.2014		23.05.2014		23.05.2014