

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 GmbH	Magnetec P/N:	M-117	Magnetec A/N:	12343
Client's P/N:	/	PS Index:	04	PS Revision:	03
Subject:	EMC Wandler	Type:	E		

1. Mechanical Outline	
Nominal core dimensions: 200 x 175 x 30 Finished product dimensions: OD ≤ 208,0 ID ≥ 166,0 H ≤ 37,0 [dimensions] = mm	

2. Core data (nominal values)			
Core material:	NANOPERM®	$L_{Fe} = 58,82 \text{ cm}$	$A_{Fe} = 2,74 \text{ cm}^2$
Permeability level:	~30 000	@ frequency 10 kHz	@ H peak 3,13 mA/cm

3. Inspection values				
	Measured value	Measurement limits	Frequency	leff x N [mA x turn]
	AL [μH]	12,3 - 24,6	10 kHz	130
	AL [μH]	6 - NA	100 kHz	130

4. Core finishing	
Type:	Cased
Marking:	MAGNETEC M-117-04 YM (YM = Year/Month), acc. to IEC 60062 6.1.1
Packaging:	1 pcs. per layer; 2 layers per carton box ; PU = 2 pcs.

5. Comments:	

Index / Revision	Alteration	Date
04 / 01	Product Specification	13.01.2006
04 / 02	New form, Afe = 2,74 cm2	25.09.2008
04 / 03	100kHz lower limit defined	19.05.2014

Created:	Z. Palánki	Approved (Techn):	F. Záborszky	Approved (Quality):	J. Gulyás	Released:	T. Trupp
	19.05.2014		23.05.2014		23.05.2014		23.05.2014