

FORM Identifier: F 108 Revision: 04 Page: 1/1	<b>Product specification for inductive components</b>	MAGNETEC GmbH Industriestrasse 7 D-63505 Langenselbold
--	---	--



Client:	MAGNETEC	Magnetec P/N:	M-457	Magnetec A/N:	12426
Client's P/N:	/	PS Index:	01	PS Revision:	05
Subject:	EMC Wandler	Type:	K		

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

2. Core data			
Core material:	NANOPERM®	$L_{Fe} = 57,96 \text{ cm}$	$A_{Fe} = 2,72 \text{ cm}^2$
Nominal values:	Permeability level	@ frequency	@ H peak
	8.000	10 kHz	3 mA/cm

3. Inspection values				
	Measured value	Measurement limits	Frequency	$l_{eff} \times N$ [mA x turn]
	AL [μH]	3,31 - 6,60	10 kHz	123,0
	AL [μH]	2,81 - 5,61	100 kHz	123,0

4. Core finishing	
Type:	Cased
Marking:	MAGNETEC M-457-01 YM
Packaging:	1 pcs. per layer; 2 layers per carton box; PU = 2 pcs.

5. Comments:	

Index / Revision	Alteration	Date
01 / 03	AL limit and working point change	22.10.2010
01 / 04	Finished product dimensions corrected	07.03.2012
01 / 05	Finished product dimensions corrected	05.10.2012

Created:	Z. Palánki	Approved (Techn):	F. Záborszky	Approved (Quality):	J. Gulyás	Released:	F. Rauscher
	05.10.2012		08.10.2012		09.10.2012		09.10.2012