

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-449	Magnetec A/N:	12418
Client's P/N:		PS Index:	02	PS Revision:	04
Subject:	EMC Wandler			Type:	

1. Mechanical Outline	
Nominal core dimensions: 25 x 16 x 10 Finished product dimensions: OD ≤ 28 ID ≥ 13 H ≤ 12,6 [dimensions] = mm	

2. Core data (nominal values)			
Core material:	NANOPERM®	$L_{Fe} = 6,34 \text{ cm}$	$A_{Fe} = 0,338 \text{ cm}^2$
Permeability level:	8 000	@ frequency 10 kHz	@ H peak 3 mA/cm

3. Inspection values				
	Measured value	Measurement limits	Frequency	$I_{eff} \times N$ [mA x turn]
	AL [μH]	3,75 - 7,49	10 kHz	13,4
	AL [μH]	3,19 - 6,37	100 kHz	13,4

4. Core finishing	
Type:	Cased
Marking:	MAGNETEC M-449-02 YM (YM = Year/Month), acc. to IEC 60062 6.1.1
Packaging:	63 pcs. per layer; 6 layers per carton box ; PU = 378 pcs.

5. Comments:	

Index / Revision	Alteration	Date
01 / 01	Product Specification	03.01.2008
01 / 02	AL limit and working point change	21.10.2010
02 / 03	Change to blue case	25.07.2016
02 / 04	Finished product dimensions corrected	24.11.2016

Created:	Z. Palánki	Approved (Techn):	F. Záborszky	Approved (Quality):	L. Ferencz	Released:	P. Seiz
	24.11.2016		05.12.2016		05.12.2016		05.12.2016