

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-453	Magnetec A/N:	12422
Client's P/N:	/	PS Index:	01	PS Revision:	03
Subject:	EMC Wandler			Type:	K

1. Mechanical Outline	
Nominal core dimensions: 80 x 63 x 30 Finished product dimensions: OD ≤ 86,0 ID ≥ 56,0 H ≤ 36,0 [dimensions] = mm	

2. Core data			
Core material:	NANOPERM®	$L_{Fe} = 22,21 \text{ cm}$	$A_{Fe} = 1,90 \text{ cm}^2$
Nominal values:	Permeability level	@ frequency	@ H peak
	8 000	10 kHz	3 mA/cm

3. Inspection values				
	Measured value	Measurement limits	Frequency	leff x N [mA x turn]
	AL [μH]	6,02 - 12,02	10 kHz	47
	AL [μH]	5,12 - 10,22	100 kHz	47

4. Core finishing	
Type:	Cased
Marking:	MAGNETEC M-453-01 YM
Packaging:	6 pcs. per layer; 2 layers per carton box; PU = 12 pcs.

5. Comments:	

Index / Revision	Alteration	Date
01 / 01	Product Specification	12.09.2008
01 / 02	AL limit and working point change	22.10.2010
01 / 03	Finished product dimension change	27.07.2012

Created:	Z. Palánki	Approved (Techn):	F. Záborszky	Approved (Quality):	J. Gulyás	Released:	F. Rauscher
	27.07.2012		30.07.2012		07.08.2012		07.08.2012