

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



Client:	MAGNETEC	Magnetec P/N:	M-451	Magnetec A/N:	12420
Client's P/N:	/	PS Index:	02	PS Revision:	04
Subject:	EMC Wandler			Type:	K

1. Mechanical Outline	
Nominal core dimensions: 40 x 32 x 15 Finished product dimensions: OD ≤ 43,1 ID ≥ 28,8 H ≤ 17,4 [dimensions] = mm	

2. Core data			
Core material:	NANOPERM®	$L_{Fe} = 11,26 \text{ cm}$	$A_{Fe} = 0,45 \text{ cm}^2$
Nominal values:	Permeability level 8 000	@ frequency 10 kHz	@ H peak 3 mA/cm

3. Inspection values				
	Measured value	Measurement limits	Frequency	leff x N [mA x turn]
	AL1 [μH]	2,82 - 5,62	10 kHz	24,0
	AL2 [μH]	2,39 - 4,77	100 kHz	24,0

4. Core finishing	
Type:	Cased
Marking:	MAGNETEC M-451-02 YM (YM = Year/Month), acc. to IEC 62 5.1
Packaging:	24 pcs. per layer; 5 layers per carton box; PU = 120 pcs.

5. Comments:	

Index / Revision	Alteration	Date
01 / 01	Product Specification	04.01.2008
01 / 02	AL limit and working point change	22.10.2010
02 / 03	Case material Ultramid; Case height ≤ 17,4 mm and outer diameter ≤ 43,1 mm	15.04.2011
02 / 04	Marking corrected, PU = 120 pcs.	25.02.2013

Created:	Z. Palánki	Approved (Techn):	F. Záborszky	Approved (Quality):	J. Gulyás	Released:	F. Rauscher
	25.02.2013		14.03.2013		19.03.2013		19.03.2013