

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-1554	Magnetec A/N:	12850
Client's P/N:	/	PS Index:	02	PS Revision:	02
Subject:	EMC Wandler			Type:	

1. Mechanical Outline	
Nominal core dimensions: 50 x 40 x 25 Finished product dimensions: OD ≤ 54,2 ID ≥ 35,5 H ≤ 29,6 [dimensions] = mm	<p>The drawing shows a toroidal core with an outer diameter (OD), inner diameter (ID), and height (H). A 'Marking' area is indicated on the top surface of the core.</p>

2. Core data (nominal values)			
Core material:	NANOPERM®	$L_{Fe} = 14,08 \text{ cm}$	$A_{Fe} = 0,91 \text{ cm}^2$
Permeability level:	4 000	@ frequency 10 kHz	@ H peak 3 mA/cm

3. Inspection values				
	Measured value	Measurement limits	Frequency	I _{eff} x N [mA x turn]
	AL [μH]	2,32 - 4,62	10 kHz	30
	AL [μH]	2,32 - NA	100 kHz	30

4. Core finishing	
Type:	Cased
Marking:	MAGNETEC M-1554-02 YM (YM = Year/Month), acc. to IEC 60062 6.1.1
Packaging:	10 pcs. per layer; 3 layers per carton box ; PU = 30 pcs.

5. Comments:	

Index / Revision	Alteration	Date
01 / 01	First issue	05.07.2017
02 / 02	The ID is changed	13.10.2017

Created:	Sz. Ilcsik 13.11.2017	Approved (Techn):	F. Záborszky 03.11.2017	Approved (Quality):	G. Zsák 03.11.2017	Released:	P. Seiz 06.11.2017
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