

FORM F 108 Revision: 05 Page: 1/1	Product specification for inductive components	MAGNETEC GmbH Industriestrasse 7 D-63505 Langenselbold
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Client:	MAGNETEC GmbH	Magnetec P/N:	M-545	Magnetec A/N:	12417
Client's P/N:	/	PS Index:	04	PS Revision:	03
Subject:	EMC Wandler				

1. Mechanical Outline	
<p>Nominal equivalent round core:</p> <p>61,6 x 38 x 16</p> <p>Finished product dimensions:</p> <p>OD ≤ 64,0 ID ≥ 35,5 H ≤ 18,7</p> <p>[dimensions] = mm</p>	

2. Core data (nominal values)			
Core material:	NANOPERM®	$L_{Fe} = 15,36 \text{ cm}$	$A_{Fe} = 1,46 \text{ cm}^2$
Permeability level:	8.000	@ frequency 10 kHz	@ H peak 25 mA/cm

3. Inspection values (at room temperature, unless otherwise stated)			
Measured value	Measurement limits	Frequency	leff x N [mA x turn]
AL [μH]	7,64 - 13,38	10 kHz	272

4. Core finishing	
Type:	Cased
Marking:	MAGNETEC M-545-04 YM
Packaging:	10 pcs. per layer; 4 layers per carton box; PU = 40 pcs.

5. Comments	
Visit http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf for further information.	

Index / Revision	Alteration	Date
04 / 01	Product Specification	14.01.2008
04 / 02	Date code standard and RoHS complaint checked	18.03.2010
04 / 03	Harmonization of part and finished product dimensions	15.01.2020

Created:	Z. Braxátor 15.01.2020	Approved (Techn):	F. Záborszky 15.01.2020	Approved (Quality):	G. Zsák 15.01.2020	Released:	B. Kessler 15.01.2020
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