

<b>FORM</b> Identifier: F 108 Revision: 04 Page: 1/1	<b>Product specification for inductive components</b>	<b>MAGNETEC GmbH</b> Industriestrasse 7 D-63505 Langenselbold
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<b>Client:</b>	<b>MAGNETEC</b>	<b>Magnetec P/N:</b>	<b>M-295</b>	<b>Magnetec A/N:</b>	<b>12340</b>
<b>Client's P/N:</b>	/	<b>PS Index:</b>	<b>04</b>	<b>PS Revision:</b>	<b>06</b>
<b>Subject:</b>	<b>EMC Wandler</b>	<b>Type:</b>			

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

2. Core data (nominal values)			
Core material:	<b>NANOPERM®</b>	$L_{Fe} = 11,26 \text{ cm}$	$A_{Fe} = 0,48 \text{ cm}^2$
Permeability level:	<b>40 000</b>	@ frequency <b>10 kHz</b>	@ H peak <b>2,51 mA/cm</b>

3. Inspection values				
	Measured value	Measurement limits	Frequency	leff x N [mA x turn]
	AL [μH]	<b>16 - 30</b>	<b>10 kHz</b>	<b>20</b>
	AL [μH]	<b>7 - NA</b>	<b>100 kHz</b>	<b>20</b>

4. Core finishing	
Type:	<b>Cased</b>
Marking:	<b>MAGNETEC M-295-04 YM (YM = Year/Month), acc. to IEC 60062 6.1.1</b>
Packaging:	<b>24 pcs. per layer; 5 layers per carton box ; PU = 120 pcs.</b>

5. Comments:	

Index / Revision	Alteration	Date
01 / 01	Product Specification	24.06.2005
01 / 02	Cased core dimensions: 43.0 x 28.8 x 17.2 mm	28.03.2006
02 / 03	New form / New case material	17.01.2007
03 / 04	Case material Ultramid, Case height ≤ 17,4 mm	07.04.2011
03 / 05	100kHz lower limit defined	17.11.2014
04 / 06	Case material and color changed	02.06.2016

<b>Created:</b>	Z. Palánki	<b>Approved (Techn):</b>	F. Záborszky	<b>Approved (Quality):</b>	L. Ferencz	<b>Released:</b>	P. Seiz
	02.06.2016		09.06.2016		09.06.2016		10.06.2016