

<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-853</b>	<b>Magnetec A/N:</b>	<b>12596</b>
<b>Client's P/N:</b>	/	<b>PS Index:</b>	<b>02</b>	<b>PS Revision:</b>	<b>02</b>
<b>Subject:</b>	<b>EMC Wandler</b>			<b>Type:</b>	

1. Mechanical Outline	
Nominal core dimensions: <b>25 x 20 x 10</b>  Finished product dimensions: OD ≤ <b>27,8</b> ID ≥ <b>17,0</b> H ≤ <b>12,6</b>  [dimensions] = mm	

2. Core data (nominal values)			
Core material:	<b>NANOPERM®</b>	$L_{Fe} = 7,1 \text{ cm}$	$A_{Fe} = 0,20 \text{ cm}^2$
Permeability level:	<b>ca. 90 000</b>	@ frequency <b>10 kHz</b>	@ H peak <b>3 mA/cm</b>

3. Inspection values				
	Measured value	Measurement limits	Frequency	leff x N [mA x turn]
	<b>AL [μH]</b>	<b>22,5 - 41,3</b>	<b>10 kHz</b>	<b>15</b>
	<b>AL [μH]</b>	<b>5,6 - NA</b>	<b>100 kHz</b>	<b>15</b>

4. Core finishing	
Type:	<b>Core glued into case</b>
Marking:	<b>MAGNETEC M-853-02 YM (YM = Year/Month), acc. to IEC 60062 6.1.1</b>
Packaging:	<b>63 pcs. per layer; 6 layers per carton box ; PU = 378 pcs.</b>

5. Comments :	

Index / Revision	Alteration	Date
01 / 01	Product Specification	02.02.2012
02 / 02	Case change (blue), 10kHz upper limit changed and 100kHz lower lower limit defined	31.08.2015

<b>Created:</b>	Z. Palánki	<b>Approved (Techn):</b>	F. Zámbořszky	<b>Approved (Quality):</b>	J. Gulyás	<b>Released:</b>	T. Trupp
	31.08.2015		04.09.2015		04.09.2015		01.10.2015