



## Product specification for inductive components

Form: MF04.05 (F108)  
Revision: 02

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<b>Client:</b>	<b>MAGNETEC</b>	<b>Magnetec P/N:</b>	<b>M-680</b>		
<b>Client's P/N:</b>	/	<b>PS Index:</b>	<b>01</b>	<b>PS Revision:</b>	<b>01</b>
<b>Subject:</b>	<b>EMC Wandler</b>				

1. Mechanical Outline	
<p>Nominal equivalent round core:</p> <p><b>30 x 20 x 10</b></p> <p>Finished product dimensions:</p> <p>OD <math>\leq</math> <b>33,0</b> ID <math>\geq</math> <b>17,5</b> H <math>\leq</math> <b>12,7</b></p> <p>[dimensions] = mm</p>	

2. Core data (nominal values)			
Core material:	<b>NANOPERM®</b>	$L_{Fe} = 7,75 \text{ cm}$	$A_{Fe} = 0,38 \text{ cm}^2$
Permeability level:	<b>ca. 4.000</b>	@ frequency <b>10 kHz</b>	@ H peak <b>3,0 mA/cm</b>

3. Inspection values (at room temperature, unless otherwise stated)			
Measured value	Measurement limits	Frequency	I <sub>eff</sub> x N [mA x turn]
<b>AL [μH]</b>	<b>1,7 - 3,4</b>	<b>10 kHz</b>	<b>16,5</b>
<b>AL [μH]</b>	<b>1,7 - 3,4</b>	<b>100 kHz</b>	<b>16,5</b>

4. Core finishing	
Type:	<b>Cased</b>
Marking:	<b>MAGNETEC M-680-01 YM (YM = Year/Month), acc. to IEC 62 5.1</b>
Packaging:	<b>35 pcs. per layer; 6 layers per carton box; PU = 210 pcs.</b>

5. Comments	
Visit <a href="http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf">http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf</a> for further information.	

Index / Revision	Alteration	Date
01 / 01	Product Specification	14.11.2012

<b>Created:</b>	Z. Palánki 14.11.2012	<b>Approved (Techn):</b>	F. Zámbořszky 21.11.2012	<b>Approved (Quality):</b>	J. Gulyás 22.11.2012	<b>Released:</b>	F. Rauscher 22.11.2012
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