

FORM 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-1123</b>	<b>Magnetec A/N:</b>	<b>12828</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>				

<b>1. Mechanical Outline</b>	
Nominal equivalent round core: <b>30 x 20 x 10</b> Finished product dimensions: OD $\leq$ <b>32,7</b> ID $\geq$ <b>17,8</b> H $\leq$ <b>12,6</b> [dimensions] = mm	

<b>2. Core data (nominal values)</b>			
Core material:	<b>NANOPERM®</b>	$L_{Fe} = 7,75 \text{ cm}$	$A_{Fe} = 0,36 \text{ cm}^2$
Permeability level:	<b>30 000</b>	@ frequency <b>10 kHz</b>	@ H peak <b>3 mA/cm</b>

<b>3. Inspection values (at room temperature, unless otherwise stated)</b>			
Measured value	Measurement limits	Frequency	$l_{eff} \times N$ [mA x turn]
AL [ $\mu$ H]	<b>12,5 - 24,9</b>	<b>10 kHz</b>	<b>16</b>
AL [ $\mu$ H]	<b>8,3 - NA</b>	<b>100 kHz</b>	<b>16</b>

<b>4. Core finishing</b>	
Type:	<b>Cased</b>
Marking:	<b>MAGNETEC M-1123-01 YM (YM = Year/Month), acc. to IEC 60062 6.1.1</b>
Packaging:	<b>35 pcs. per layer; 6 layers per carton box; PU = 210 pcs.</b>

<b>5. Comments</b>	
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	First issue	14.02.2017

<b>Created:</b>	Z. Palánki 14.02.2017	<b>Approved (Techn):</b>	F. Záborszky 07.03.2017	<b>Approved (Quality):</b>	L. Ferencz 07.03.2017	<b>Released:</b>	P. Seiz 09.03.2017
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