

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 GmbH</b>	<b>Magnetec P/N:</b>	<b>M-896</b>	<b>Magnetec A/N:</b>	<b>12670</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>80 x 63 x 30</b> Finished product dimensions: $OD \leq OD1 \leq 101$ ; $OD2 \leq 62$ $ID \geq ID1 \geq 68$ ; $ID2 \geq 28$ $H \leq 37$ [dimensions] = mm	

<b>2. Core data (nominal values)</b>			
Core material:	<b>NANOPERM®</b>	$L_{Fe} = 22,36 \text{ cm}$	$A_{Fe} = 1,86 \text{ cm}^2$
Permeability level:	<b>60 000</b>	@ frequency <b>10 kHz</b>	@ H peak <b>3,16 mA/cm</b>

<b>3. Inspection values (at room temperature, unless otherwise stated)</b>			
Measured value	Measurement limits	Frequency	leff x N [mA x turn]
<b>AL [μH]</b>	<b>45,7 - 91,2</b>	<b>10 kHz</b>	<b>50</b>
<b>AL [μH]</b>	<b>15,7 - NA</b>	<b>100 kHz</b>	<b>50</b>

<b>4. Core finishing</b>	
Type:	<b>Cased</b>
Marking:	<b>MAGNETEC M-896-01 YM (YM = Year/Month), acc. to IEC 60062 6.1.1</b>
Packaging:	<b>6 pcs. per layer; 2 layers per carton box; PU = 12 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.	

<b>Index / Revision</b>	<b>Alteration</b>	<b>Date</b>
01 / 01	Product Specification	21.03.2014

<b>Created:</b>	Z. Palánki 21.03.2014	<b>Approved (Techn):</b>	F. Záborszky 05.05.2014	<b>Approved (Quality):</b>	J. Gulyás 05.05.2014	<b>Released:</b>	T. Trupp 05.05.2014
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