

FORM 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-074</b>	<b>Magnetec A/N:</b>	<b>12053</b>
<b>Client's P/N:</b>	/	<b>PS Index:</b>	<b>05</b>	<b>PS Revision:</b>	<b>09</b>
<b>Subject:</b>	<b>EMC Wandler</b>			<b>Type:</b>	<b>E</b>

<b>1. Mechanical Outline</b>	
Nominal core dimensions: <b>25 x 16 x 10</b>  Finished product dimensions: OD ≤ 28,2 ID ≥ 13,0 H ≤ 12,8  [dimensions] = mm	

<b>2. Core data</b>			
Core material:	<b>NANOPERM®</b>	$L_{Fe} = 6,34 \text{ cm}$	$A_{Fe} = 0,315 \text{ cm}^2$
Nominal values:	Permeability level <b>ca. 90 000</b>	@ frequency <b>10 kHz</b>	@ H peak <b>3 mA/cm</b>

<b>3. Inspection values</b>				
	Measured value	Measurement limits	Frequency	$l_{eff} \times N$ [mA x turn]
	AL [ $\mu\text{H}$ ]	40,0 - 80,0	10 kHz	13,4
	AL [ $\mu\text{H}$ ]	10,8 - NA	100 kHz	13,4

<b>4. Core finishing</b>	
Type:	<b>Cased</b>
Marking:	<b>MAGNETEC M-074-05 YM (YM = Year/Month), acc. to IEC 62 5.1</b>
Packaging:	<b>63 pcs. per layer; 6 layers per carton box; PU = 378 pcs.</b>

<b>5. Comments:</b>	

Index / Revision	Alteration	Date
04 / 06	Case and packaging change	23.06.2004
04 / 07	New format	27.04.2005
05 / 08	LN format, 10 and 100kHz limits defined, finished product dimension changed	11.09.2012
05 / 09	Drawing change	15.10.2012

<b>Created:</b>	Z. Palánki	<b>Approved (Techn):</b>	F. Záborszky	<b>Approved (Quality):</b>	J. Gulyás	<b>Released:</b>	F. Rauscher
	15.10.2012		16.10.2012		16.10.2012		16.10.2012