

FORM F 108 Revision: 05 Page: 1/1	<b>Product specification for inductive components</b>	<b>MAGNETEC GmbH</b> Industriestrasse 7 D-63505 Langenselbold
---	---	---

<b>Client:</b>	<b>MAGNETEC</b>	<b>Magnetec P/N:</b>	<b>M-649</b>	<b>Magnetec A/N:</b>	<b>12619</b>
<b>Client's P/N:</b>		<b>PS Index:</b>	<b>01</b>	<b>PS Revision:</b>	<b>04</b>
<b>Subject:</b>	<b>EMC Wandler</b>				

1. Mechanical Outline	
<p>Nominal equivalent round core:</p> <p><b>63 x 50 x 30</b></p> <p>Finished product dimensions:</p> <p>OD <math>\leq</math> 82,8 (OD1) / 45,5 (OD2) ID <math>\geq</math> 57,5 (ID1) / 20,6 (ID2) H <math>\leq</math> 33,0</p> <p>[dimensions] = mm</p> <p style="text-align: right;">R1 = 22,6 R2 = 10,4</p>	

2. Core data (nominal values)			
Core material:	<b>NANOPERM®</b>	$L_{Fe} = 17,67$ cm	$A_{Fe} = 1,44$ cm <sup>2</sup>
Permeability level:	ca. 30 000	@ frequency 10 kHz	@ H peak 3,2 mA/cm

3. Inspection values (at room temperature, unless otherwise stated)			
Measured value	Measurement limits	Frequency	leff x N [mA x turn]
AL [ $\mu$ H]	23,3 - 46,6	10 kHz	40
AL [ $\mu$ H]	13.2 - NA	100 kHz	40

4. Core finishing	
Type:	<b>Cased</b>
Marking:	<b>MAGNETEC M-649-01 YM (YM = Year/Month), acc. to IEC 60062 6.1.1</b>
Packaging:	<b>7 pcs. per layer; 4 layers per carton box; PU = 28 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	12.03.2012
01 / 02	OD corrected	25.05.2012
01 / 03	100kHz lower limit defined	04.12.2014
01 / 04	100 kHz lower limit increased	10.11.2018

<b>Created:</b>	Z. Braxátor 10.11.2018	<b>Approved (Techn):</b>	F. Záborszky 11.12.2018	<b>Approved (Quality):</b>	R. Montvai 03.12.2018	<b>Released:</b>	P. Seiz 11.12.2018
-----------------	---------------------------	--------------------------	----------------------------	----------------------------	--------------------------	------------------	-----------------------

Disclosing the specification to third parties or using its content without written permission from MAGNETEC is strictly forbidden and every offender is liable to pay the corresponding damages