

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 GmbH</b>	<b>Magnetec P/N:</b>	<b>M-152</b>	<b>Magnetec A/N:</b>	<b>12165</b>
<b>Client's P/N:</b>	/	<b>PS Index:</b>	<b>02</b>	<b>PS Revision:</b>	<b>02</b>
<b>Subject:</b>	<b>EMC Wandler</b>	<b>Type:</b>			

<b>1. Mechanical Outline</b>	
Nominal core dimensions: <b>100 x 80 x 30</b>  Finished product dimensions: OD ≤ <b>104,0</b> ID ≥ <b>75,0</b> H ≤ <b>33,0</b>  [dimensions] = mm	

<b>2. Core data (nominal values)</b>			
Core material:	<b>NANOPERM®</b>	$L_{Fe} = 27,76 \text{ cm}$	$A_{Fe} = 2,24 \text{ cm}^2$
Permeability level:	<b>80.000</b>	@ frequency <b>10 kHz</b>	@ H peak <b>3,0 mA/cm</b>

<b>3. Inspection values</b>				
	Measured value	Measurement limits	Frequency	leff x N [mA x turn]
	AL [μH]	55 - 110	10 kHz	60
	AL [μH]	14,8 - NA	100 kHz	60

<b>4. Core finishing</b>	
Type:	<b>Epoxy coated</b>
Marking:	<b>MAGNETEC M-152-02 YM (YM = Year/Month), acc. to IEC 60062 6.1.1</b>
Packaging:	<b>4 pcs. per layer; 3 layers per carton box; PU = 12 pcs.</b>

<b>5. Comments:</b>	

Index / Revision	Alteration	Date
01 / 00	Product spezifikation	18.12.2001
02 / 01	New format; PU = 12 pcs.	05.05.2008
02 / 02	Nominal permeability and 10kHz upper limit given, 100kHz lower limit defined	20.10.2014

<b>Created:</b>	Z. Palánki	<b>Approved (Techn):</b>	F. Záborszky	<b>Approved (Quality):</b>	J. Gulyás	<b>Released:</b>	T. Trupp
	20.10.2014		11.11.2014		11.11.2014		11.11.2014