

FORM F 108  
Revision: 05  
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Product specification  
for inductive components

MAGNETEC GmbH  
Industriestrasse 7  
D-63505 Langenselbold

Client:	MAGNETEC	Magnetec P/N:	M-176	Magnetec A/N:	12212
Client's P/N:	/	PS Index:	01	PS Revision:	02
Subject:	EMC Wandler				

1. Mechanical Outline

<p>Nominal equivalent round core: <b>50 x 40 x 25</b></p> <p>Finished product dimensions: OD <math>\leq</math> 52,7 ID <math>\geq</math> 37,8 H <math>\leq</math> 28,6</p> <p>[dimensions] = mm</p>	
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2. Core data (nominal values)

Core material:	NANOPERM®	$L_{Fe} = 14,08$ cm	$A_{Fe} = 0,91$ cm <sup>2</sup>
Permeability level:	55.000	@ frequency 10 kHz	@ H peak 3,01 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]	31,4 - 62,7	10 kHz	30,0

4. Core finishing

Type:	Epoxy coated
Marking:	MAGNETEC M-176-01 YM (YM = Year/Month), acc. to IEC 62 5.1
Packaging:	15 pcs. per layer; 3 layers per carton box; PU = 45 pcs.

5. Comments

Visit [http://www.magnetec.de/fileadmin/pdf/pb\\_ds.pdf](http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf) for further information.

Index / Revision	Alteration	Date
01 / 00	Product Specification	07.11.2003
01 / 01	AL = 31,4 - 62,7 $\mu$ H; PU = 45 pcs	01.02.2007
01 / 02	No foil bandage	17.07.2012

Created:	Zs. Eperjesi 17.07.2012	Approved (Techn):	F. Záborszky 23.07.2012	Approved (Quality):	J. Gulyas 07.08.2012	Released:	F. Rauscher 07.08.2012
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