

FORM F 108  
Revision: 03  
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Product specification  
for inductive components

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Client:	MAGNETEC GmbH	Magnetec P/N:	M-654	Magnetec A/N:	12447
Client's P/N:	/	PS Index:	01	PS Revision:	02
Subject:	EMC Wandler				

1. Mechanical Outline

Nominal equivalent round core:

102 x 76 x 25

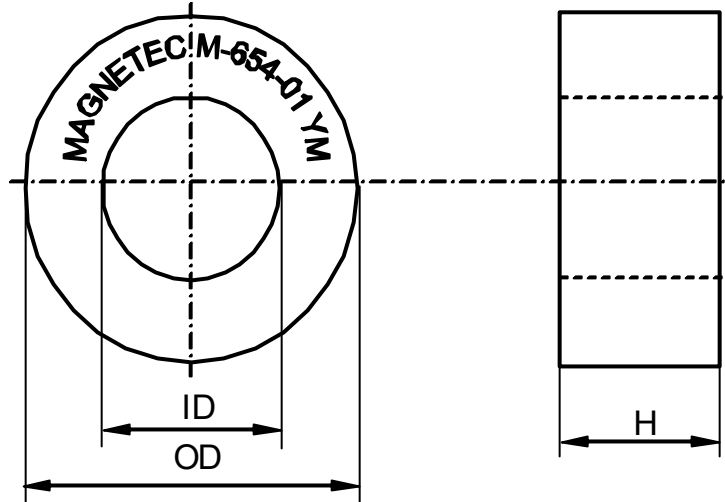
Finished product dimensions:

OD  $\leq$  108,1

ID  $\geq$  70,0

H  $\leq$  30,3

[dimensions] = mm



2. Core data (nominal values)

Core material:	NANOPERM®	$L_{Fe} = 27,76 \text{ cm}$	$A_{Fe} = 2,41 \text{ cm}^2$
Permeability level:	5.000	@ frequency 10 kHz	@ H peak 3 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]	3,8 - 7,6	10 kHz	59
AL [ $\mu$ H]	3,6 - 7,3	100 kHz	59

4. Core finishing

Type:	Cased
Marking:	MAGNETEC M-654-01 YM
Packaging:	4 pcs. per layer; 3 layers per carton box; PU = 12 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 / 01	Product Specification	06.06.2008
01 / 02	AL limits and working point	17.05.2011

Created:	Z. Palánki 17.05.2011	Approved (Techn):	F. Záborszky 27.05.2011	Approved (Quality):	V. Káposztás 28.06.2011	Released:	F. Rauscher 28.06.2011
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