

FORM F 108
Revision: 05
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Product specification
for inductive components

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Client:	MAGNETEC GmbH	Magnetec P/N:	M-681	Magnetec A/N:	12521
Client's P/N:	/	PS Index:	02	PS Revision:	04
Subject:	EMC Wandler				

1. Mechanical Outline

Nominal equivalent round core:

40 x 32 x 15

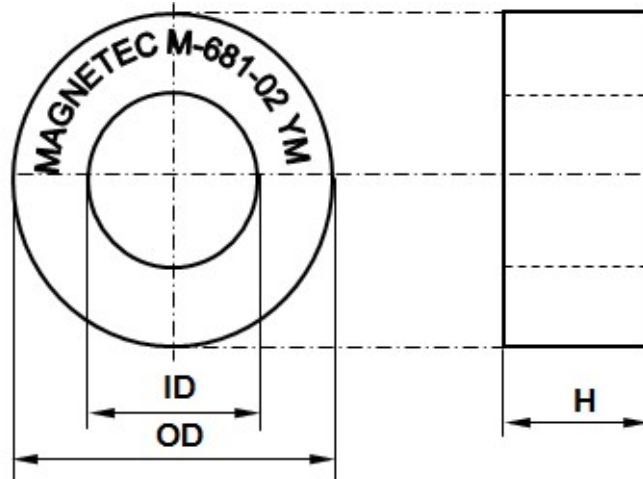
Finished product dimensions:

OD ≤ 43,1

ID ≥ 28,8

H ≤ 17,5

[dimensions] = mm



2. Core data (nominal values)

Core material:	NANOPERM®	$L_{Fe} = 11,26 \text{ cm}$	$A_{Fe} = 0,45 \text{ cm}^2$
Permeability level:		@ frequency	@ H peak
	4 000	10 kHz	3 mA/cm
	4 000	100 kHz	3 mA/cm

3. Inspection values (at room temperature, unless otherwise stated)

Measured value	Measurement limits	Frequency	leff x N [mA x turn]
AL [μH]	1,41 - 2,81	10 kHz	24
AL [μH]	1,41 - 2,81	100 kHz	24

4. Core finishing

Type:	Cased
Marking:	MAGNETEC M-681-02 YM
Packaging:	24 pcs. per layer; 5 layers per carton box; PU = 120 pcs.

5. Comments

Visit http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf for further information.

Index / Revision	Alteration	Date
01 / 01	Product Specification	07.06.2010
01 / 02	AL limit and working point	21.10.2010
02 / 03	Case material Ultramid; OD ≤ 43,1 mm / H ≤ 17,4 mm (wall thickness increased due to UL requirement)	02.05.2011
02 / 04	Harmonization of part and finished product dimensions	17.01.2020

Created:	Z. Braxátor 17.01.2020	Approved (Techn):	F. Záborszky 17.01.2020	Approved (Quality):	G. Zsák 17.01.2020	Released:	B. Kessler 17.01.2020
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