

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-381	Magnetec A/N:	12349
Client's P/N:	/	PS Index:	04	PS Revision:	06
Subject:	EMC Wandler				

1. Mechanical Outline

Nominal equivalent round core:

40 x 32 x 15

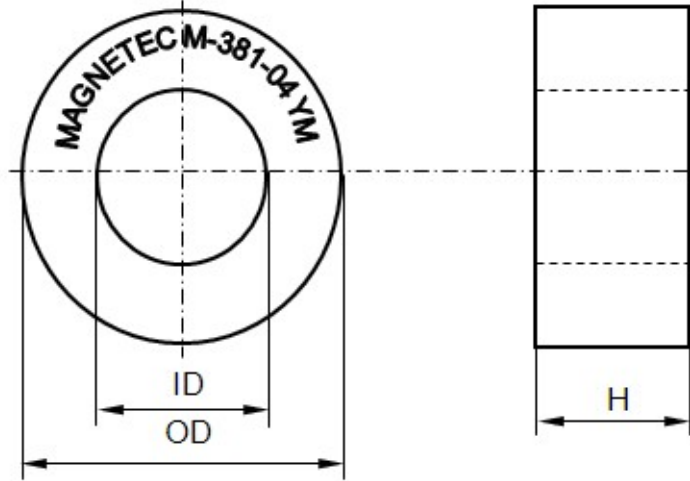
Finished product dimensions:

OD  $\leq$  43,1

ID  $\geq$  28,8

H  $\leq$  17,5

[dimensions] = mm



2. Core data (nominal values)

Core material:	NANOPERM®	$L_{Fe} = 11,26 \text{ cm}$	$A_{Fe} = 0,47 \text{ cm}^2$
Permeability level:	90 000	@ frequency 10 kHz	@ H peak 3,14 mA/cm

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

Measured value	Measurement limits	Frequency	leff x N [mA x turn]
AL1 [ $\mu\text{H}$ ]	33,0 - 66,0	10 kHz	25
AL2 [ $\mu\text{H}$ ]	8,4 - 15,6	100 kHz	25

4. Core finishing

Type:	Cased
Marking:	MAGNETEC M-381-04 YM (YM = Year/Month), acc. to IEC 60062 6.1.1
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](http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf) for further information.

Index / Revision	Alteration	Date
01 / 01	Product Specification	08.02.2006
02 / 02	Cased version	21.03.2006
03 / 03	Improved DC behaviour	17.05.2006
04 / 04	Case material Ultramid; Case height $\leq$ 17,5 mm, 100 kHz value	28.03.2011
04 / 05	Nominal permeability is 90 000, 10kHz upper limit is 66 $\mu\text{H}$	04.08.2014
04 / 06	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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