

Product specification for inductive components

Form: MF04.05 (F108)
Revision: 01

Client:	MAGNETEC	Magnetec P/N:	M-1682	Magnetec A/N:	12920
Client's P/N:		PS Index:	01	PS Revision:	01
Subject:	EMC Wandler				

1. Mechanical Outline

Nominal equivalent round core:

63 x 50 x 30

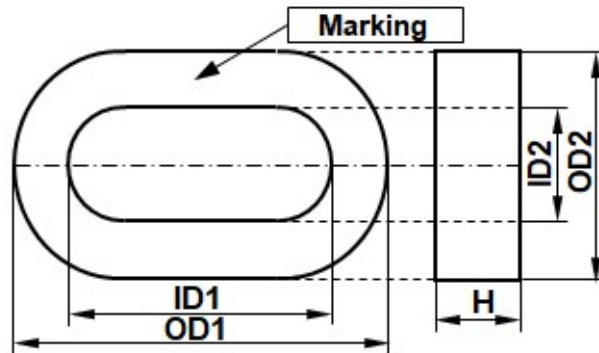
Finished product dimensions:

OD \leq **82,8 (OD1) / 45,5 (OD2)**

ID \geq **57,5 (ID1) / 20,6 (ID2)**

H \leq **33,0**

[dimensions] = mm



2. Core data (nominal values)

Core material:	NANOPERM®	$L_{Fe} = 17,7 \text{ cm}$	$A_{Fe} = 1,42 \text{ cm}^2$
Permeability level:	4 000	@ frequency 10 kHz	@ H peak 3 mA/cm

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

Measured value	Measurement limits	Frequency	$l_{eff} \times N$ [mA x turn]
AL [μH]	3,24 - 6,47	10 kHz	37,5
AL [μH]	3,24 - NA	100 kHz	37,5

4. Core finishing

Type:	Cased
Marking:	MAGNETEC M-1682-01 YM (YM = Year/Month), acc. to IEC 60062:2004 6.1.1
Packaging:	7 pcs. per layer; 4 layers per carton box; PU = 28 pcs.

5. Comments

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

Index / Revision	Alteration	Date
01 / 01	First issue	22.11.2019

Created:	Z. Palánki 22.11.2019	Approved (Techn):	F. Záborszky 27.05.2020	Approved (Quality):	Sz. Ilcsik 07.05.2020	Released:	M. Hoentsch 29.05.2020
-----------------	--------------------------	--------------------------	----------------------------	----------------------------	--------------------------	------------------	---------------------------

Disclosing the specification to third parties or using its content without written permission from MAGNETEC is strictly forbidden and every offender is liable to pay the corresponding damages