

Product specification for inductive components

Form: MF04.05 (F108)
Revision: 01

Client:	MAGNETEC GmbH	Magnetec P/N:	M-499	Magnetec A/N:	12391
Client's P/N:	-	PS Index:	01	PS Revision:	03
Subject:	EMC Wandler				

1. Mechanical Outline

Nominal equivalent round core:

40 x 32 x 15

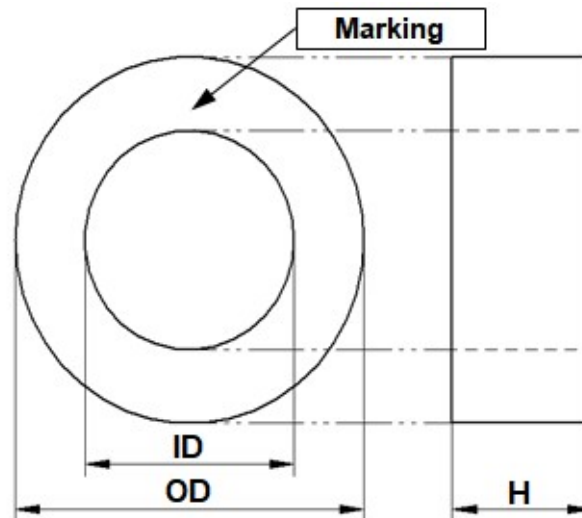
Finished product dimensions:

OD \leq **43,3**

ID \geq **28,6**

H \leq **17,6**

[dimensions] = mm



2. Core data (nominal values)

Core material:	NANOPERM®	$L_{Fe} = 11,26 \text{ cm}$	$A_{Fe} = 0,48 \text{ cm}^2$
Permeability level:	~40 000	@ frequency 10 kHz	@ H peak 2,51 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]	16,0 - 30,0	10 kHz	20

4. Core finishing

Type:	cased
Marking:	MAGNETEC M-499-01 YM (YM = Year/Month), acc. to IEC 60062:2004 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 for further information.

Index / Revision	Alteration	Date
01 / 01	Product Specification	11.05.2007
01 / 02	Harmonization of part and finished product dimensions	13.01.2020
01 / 03	End product dimension change due to case change	22.11.2021

Created:	Z. Palánki 22.11.2021	Approved (Techn):	F. Záborszky	Approved (Quality):	Sz. Ilcsik 22.11.2021	Released:	B. Kessler 29.11.2021
-----------------	--------------------------	--------------------------	--------------	----------------------------	--------------------------	------------------	--------------------------

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