

FORM F 108
Revision: 05
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Product specification
for inductive components

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Client:	MAGNETEC	Magnetec P/N:	M-049	Magnetec A/N:	12058
Client's P/N:		PS Index:	03	PS Revision:	05
Subject:	EMC Wandler				

1. Mechanical Outline

Nominal equivalent
round core:

50 x 40 x 20

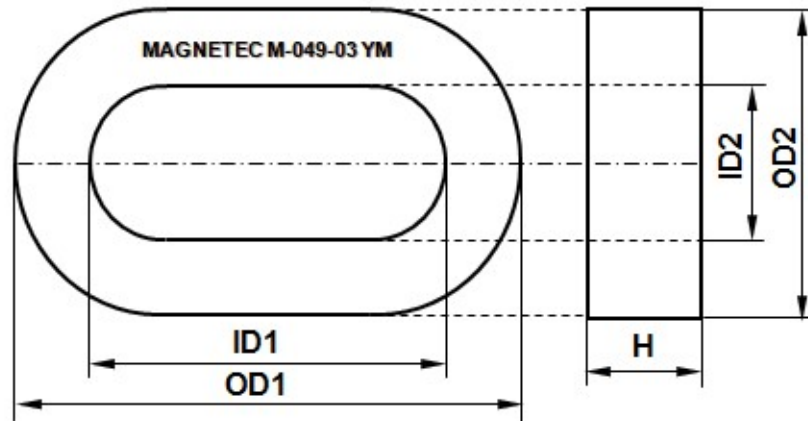
Finished product
dimensions:

OD \leq 60,7 (OD1) / 40,7
(OD2)

ID \geq 42,7 (ID1) / 24,8
(ID2)

H \leq 22,4

[dimensions] = mm



2. Core data (nominal values)

Core material:	NANOPERM®	$L_{Fe} = 14,1 \text{ cm}$	$A_{Fe} = 0,8 \text{ cm}^2$
Permeability level:	30.000	@ 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 [μ H]	12,6 - 28,4	10 kHz	30
AL [μ H]	6,3 - NA	100 kHz	30

4. Core finishing

Type:	Cased
Marking:	MAGNETEC M-049-03 YM (YM = Year/Month), acc. to IEC 60062 6.1.1
Packaging:	12 pcs. per layer; 5 layers per carton box; PU = 60 pcs.

5. Comments

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

Index / Revision	Alteration	Date
02 / 01	Product Specification	09.07.2001
03 / 02	Cased core	01.04.2011
03 / 03	Define 100kHz lower limit, max, min dimensions given	07.11.2014
03 / 04	Formal correction: 40.7mm is max. of OD2	07.10.2019
03 / 05	Height limit increased	06.04.2020

Created:	Z. Palánki 06.04.2020	Approved (Techn):	F. Záborszky 21.04.2020	Approved (Quality):	Sz. Ilcsik 21.04.2020	Released:	M. Hoentsch 21.04.2020
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