

FORM F 108
Revision: 05
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Product specification
for inductive components

MAGNETEC GmbH
Industriestrasse 7
D-63505 Langenselbold

Client:	MAGNETEC	Magnetec P/N:	M-012	Magnetec A/N:	12024
Client's P/N:	/	PS Index:	05	PS Revision:	07
Subject:	EMC Wandler				

1. Mechanical Outline

Nominal equivalent round core:

60 x 40 x 15

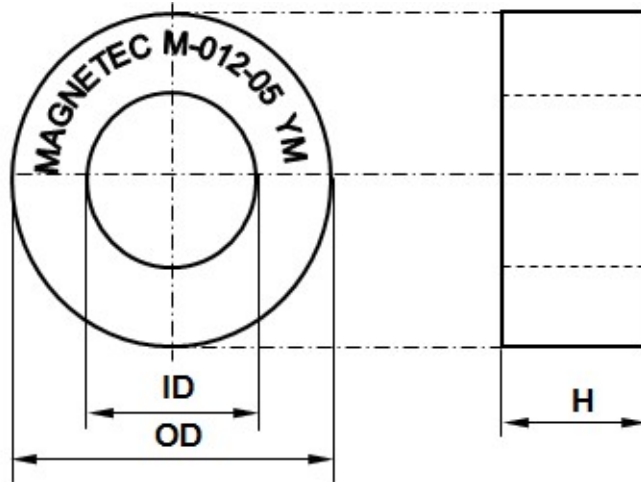
Finished product dimensions:

OD \leq 62,3

ID \geq 37,1

H \leq 17,3

[dimensions] = mm



2. Core data (nominal values)

Core material:	NANOPERM®	$L_{Fe} = 15,5 \text{ cm}$	$A_{Fe} = 1,13 \text{ cm}^2$
Permeability level:	ca. 30.000	@ frequency 10 kHz	@ H peak 3,0 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]	19,2 - 38,3	10 kHz	33
AL [μH]	11,5 - NA	100 kHz	33

4. Core finishing

Type:	Epoxy coated
Marking:	MAGNETEC M-012-05 YM (YM = Year/Month), acc. to IEC 60062 6.1.1
Packaging:	10 pcs. per layer; 5 layers per carton box; PU = 50 pcs.

5. Comments

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

Index / Revision	Alteration	Date
05 / 03	Product Specification	27.10.2000
05 / 04	PU = 60 pcs.	25.03.2004
05 / 05	LN format, AL = 19,2 - 38,3 μH @ 10kHz; PU = 50 pcs.	17.10.2012
05 / 06	Define 100kHz lower limit	27.08.2014
05 / 07	100 kHz lower limit increased	09.10.2018

Created:	Z. Palánki 09.10.2018	Approved (Techn):	F. Zámbořszky 13.11.2018	Approved (Quality):	R. Montvai 25.10.2018	Released:	P. Seiz 19.11.2018
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