

Product specification for inductive components

Form: MF04.05 (F108)
Revision: 01

Client:	MAGNETEC GmbH	Magnetec P/N:	M-111	Magnetec A/N:	12124
Client's P/N:	/	PS Index:	04	PS Revision:	08
Subject:	EMC WANDLER				

1. Mechanical Outline

Nominal equivalent round core:

236,5 x 201 x 30

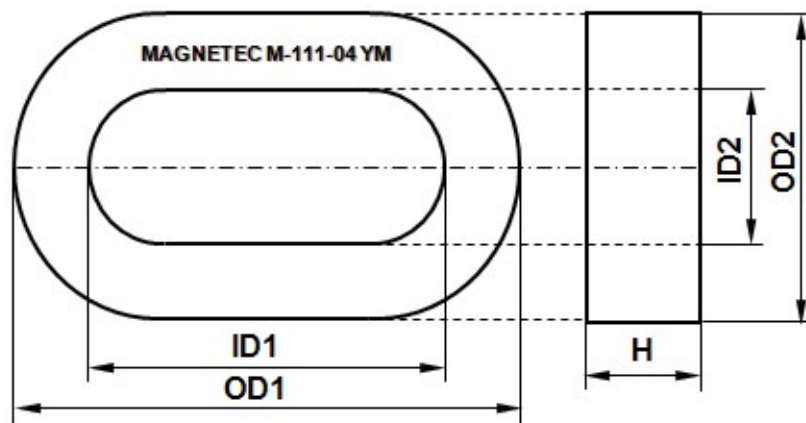
Finished product dimensions:

OD \leq **305,0 (OD1) / 147,0 (OD2)**

ID \geq **249,0 (ID1) / 94 (ID2)**

H \leq **37,0**

[dimensions] = mm



2. Core data (nominal values)

Core material:	NANOPERM®	$L_{Fe} =$ 69,6 cm	$A_{Fe} =$ 3,94 cm²
Permeability level:	~ 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	leff x N [mA x turn]
AL [μH]	14,5 - 29,9	10 kHz	150
AL [μH]	8,6 - NA	100 kHz	150

4. Core finishing

Type:	Cased
Marking:	MAGNETEC M-111-04 YM (YM = Year/Month), acc. to IEC 60062 6.1.1
Packaging:	1 pcs. per layer; 2 layers per carton box; PU = 2 pcs.

5. Comments

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

Index / Revision	Alteration	Date
02 / 02	Epoxy coated version	14.02.2003
03 / 03	Cased version	17.11.2006
03 / 04	Nominal core dimensions 236,5 x 201 x 30 mm	19.07.2007
04 / 05	Moulded case	03.09.2007
04 / 06	100kHz lower limit defined	11.11.2014
04 / 07	100 kHz lower limit increased and ID2 adjusted	29.10.2018
04 / 08	Update China version	2021/3/8

Created:	Y. Li 08.03.2021	Approved (Techn):		Approved (Quality):		Released:	
-----------------	---------------------	--------------------------	--	----------------------------	--	------------------	--

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