

FORM F 108
Revision: 05
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Product specification
for inductive components

MAGNETEC GmbH
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Client:	MAGNETEC GmbH	Magnetec P/N:	M-111	Magnetec A/N:	12124
Client's P/N:	/	PS Index:	04	PS Revision:	07
Subject:	EMC WANDLER				

1. Mechanical Outline

Nominal equivalent round core:

236,5 x 201 x 30

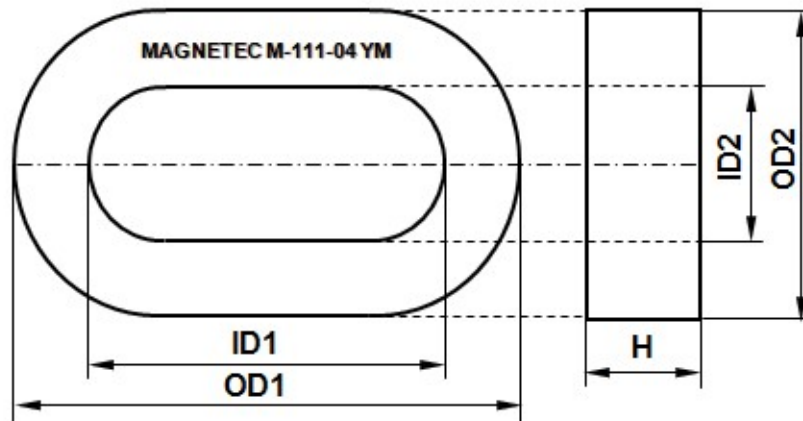
Finished product dimensions:

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®	$L_{Fe} = 69,6 \text{ cm}$	$A_{Fe} = 3,94 \text{ cm}^2$
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 [μ H]	14,5 - 29,9	10 kHz	150
AL [μ H]	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

Created:	M. Pádár 29.10.2018	Approved (Techn):	F. Záborszky 29.10.2018	Approved (Quality):	R. Montvai 29.10.2018	Released:	T. Trupp 29.10.2018
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