

FORM F 108
Revision: 05
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Product specification
for inductive components

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Client:	MAGNETEC	Magnetec P/N:	M-248	Magnetec A/N:	12386
Client's P/N:	/	PS Index:	04	PS Revision:	07
Subject:	EMC Wandler				

1. Mechanical Outline

Nominal equivalent round core:

300 x 250 x 30

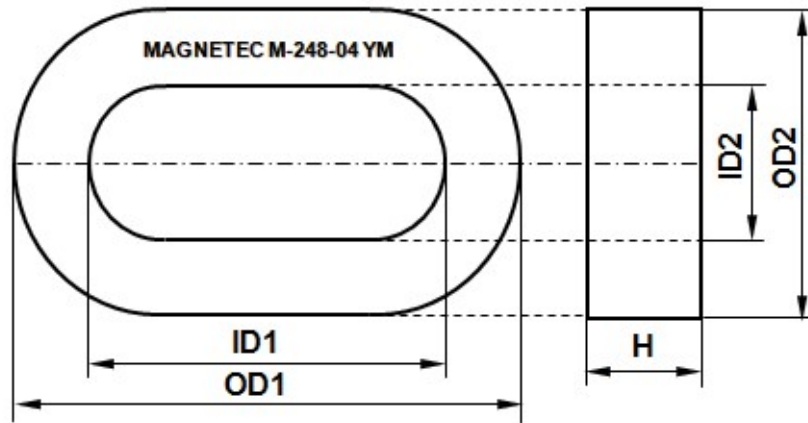
Finished product dimensions:

OD \leq 392,0 (OD1) / 160,0 (OD2)

ID \geq 326,0 (ID1) / 93,0 (ID2)

H \leq 37,0

[dimensions] = mm



2. Core data (nominal values)

Core material:	NANOPERM®	$L_{Fe} = 87,1 \text{ cm}$	$A_{Fe} = 5,2 \text{ cm}^2$
Permeability level:	~30 000	@ frequency 10 kHz	@ H peak 3,14 mA/cm

3. Inspection values (at room temperature, unless otherwise stated)

Measured value	Measurement limits	Frequency	$l_{eff} \times N$ [mA x turn]
AL [μ H]	15,8 - 31,5	10 kHz	185
AL [μ H]	9.48 - NA	100 kHz	185

4. Core finishing

Type:	Cased
Marking:	MAGNETEC M-248-04 YM (YM = Year/Month), acc. to IEC 60062 6.1.1
Packaging:	1 pcs. per layer; 5 layers per carton box; PU = 5 pcs.

5. Comments

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

Index / Revision	Alteration	Date
04 / 01	Product specification / Moulded case	12.12.2006
04 / 02	PU = 5 pcs.	17.07.2009
04 / 03	Nominal inner diameter corrected, drawing changed	06.09.2013
04 / 04	Product height revision	15.07.2014
04 / 05	100kHz lower limit defined	14.11.2014
04 / 06	100 kHz lower limit increased	10.11.2018
04 / 07	ID2 modification from 94mm to 93mm	08.08.2019

Created:	J. Tótik 08.08.2019	Approved (Techn):	F. Záborszky 01.10.2019	Approved (Quality):	G. Zsák 12.09.2019	Released:	B. Kessler 02.10.2019
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