

FORM F 108
Revision: 04
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Product specification
for inductive components

MAGNETEC GmbH
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Client:	Magnetec GmbH	Magnetec P/N:	M-942	Magnetec A/N:	12686
Client's P/N:	/	PS Index:	01	PS Revision:	01
Subject:	EMC Wandler				

1. Mechanical Outline

Nominal equivalent round core:

133 x 104 x 20

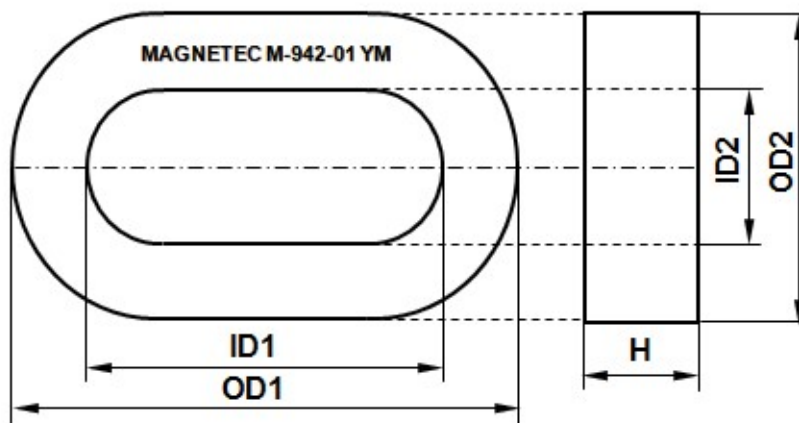
Finished product dimensions:

OD \leq 172 (OD1) / 78 (OD2)

ID \geq 131 (ID1) / 37 (ID2)

H \leq 25

[dimensions] = mm



2. Core data (nominal values)

Core material:	NANOPERM®	$L_{Fe} = 37,0 \text{ cm}$	$A_{Fe} = 2,1 \text{ cm}^2$
Permeability level:	60.000	@ 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 [μ H]	32 - 64	10 kHz	80
AL [μ H]	10,4 - NA	100 kHz	80

4. Core finishing

Type:	Cased
Marking:	MAGNETEC M-942-01 YM (YM = Year/Month), acc. to IEC 60062 6.1.1
Packaging:	3 pcs. per layer; 4 layers per carton box; PU = 12 pcs.

5. Comments

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

Index / Revision	Alteration	Date
01 / 01	First issue	04.07.2014

Created:	Z. Palánki 04.07.2014	Approved (Techn):	F. Záborszky 08.07.2014	Approved (Quality):	J. Gulyás 08.07.2014	Released:	T. Trupp 08.07.2014
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