

FORM F 108
Revision: 05
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Product specification
for inductive components

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Client:	MAGNETEC GmbH	Magnetec P/N:	M-145	Magnetec A/N:	12193
Client's P/N:	/	PS Index:	04	PS Revision:	03
Subject:	EMC Wandler				

1. Mechanical Outline

Nominal equivalent round core:

20 x 12,5 x 5

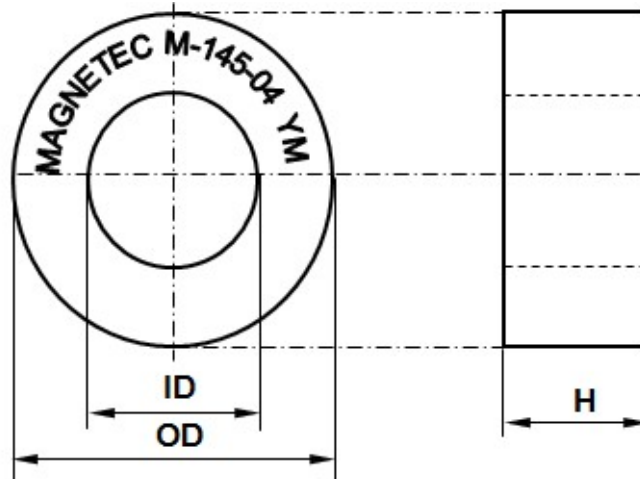
Finished product dimensions:

OD \leq 22,0

ID \geq 10,5

H \leq 6,2

[dimensions] = mm



2. Core data (nominal values)

Core material:	NANOPERM®	$L_{Fe} = 5,01 \text{ cm}$	$A_{Fe} = 0,14 \text{ cm}^2$
Permeability level:	~30.000	@ frequency 10 kHz	@ H peak 2,8 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]	7,4 - 14,8	10 kHz	10

4. Core finishing

Type:	Epoxy coated
Marking:	MAGNETEC M-145-04 YM (YM = Year/Month), acc. to IEC 62 5.1
Packaging:	75 pcs. per layer; 10 layers per carton box; PU = 750 pcs.

5. Comments

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

Index / Revision	Alteration	Date
01S / 00	Sample	01.10.2001
01 / 00	Product specification	07.04.2003
02 / 01	Coated core high \leq 6,0 mm	05.09.2003
03 / 02	PU = 750 pcs.; AL limits revised; RoHS conform	28.03.2007
04 / 03	Height increased	11.12.2013

Created:	Z. Palánki 11.12.2013	Approved (Techn):	F. Záborszky 19.12.2013	Approved (Quality):	J. Gulyás 19.12.2013	Released:	T. Trupp 19.12.2013
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