

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-697	Magnetec A/N:	53118
Client's P/N:	/	PS Index:	01	PS Revision:	02
Subject:	EMC WANDLER				

1. Mechanical Outline

Nominal equivalent
round core:

50,0 x 40,0 x 20,0

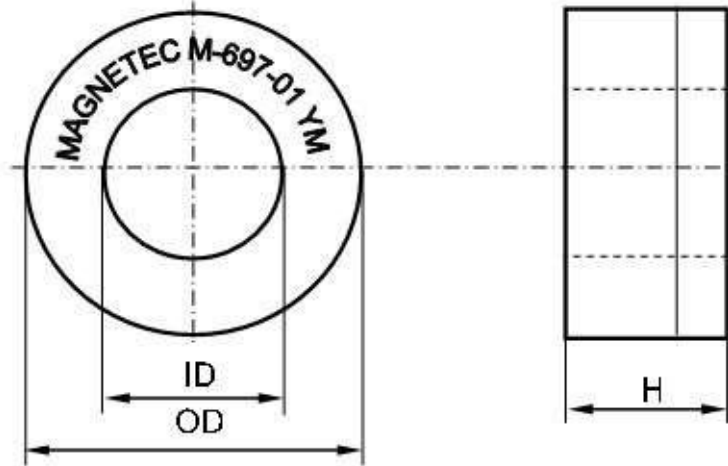
Finished product
dimensions:

OD ≤ 54

ID ≥ 35,5

H ≤ 26,5

[dimensions] = mm



2. Core data (nominal values)

Core material:	NANOPERM®	$L_{Fe} = 14,08 \text{ cm}$	$A_{Fe} = 0,73 \text{ cm}^2$
Permeability level:		@ frequency	@ H peak
	~ 30 000	10 kHz	3,0 mA/cm
	~ 18 000	100 kHz	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 - 28	10 kHz	30
AL [μH]	9,5 - 15,0	100 kHz	30

4. Core finishing

Type:	Epoxy coated and cased
Marking:	MAGNETEC M-697 YM (YM = Year/Month), acc. to IEC 62 5.1
Packaging:	pcs. per layer; layers per carton box; PU = pcs.

5. Comments

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

Index / Revision	Alteration	Date
01 / 01	Product Specification	05.02.2010
01 / 02	Dimensions corrected, 10kHz measurement added	28.10.2013

Created:	D. Tóth 28.10.2013	Approved (Techn):	F. Záborszky 05.11.2013	Approved (Quality):	J. Gulyás 05.11.2013	Released:	T. Trupp 05.11.2013
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