

FORM
Identifier: F 108
Revision: 04
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Product specification
for inductive components

MAGNETEC GmbH
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Client:	MAGNETEC	Magnetec P/N:	M-649	Magnetec A/N:	12619
Client's P/N:		PS Index:	01	PS Revision:	03
Subject:	EMC Wandler			Type:	

1. Mechanical Outline

Nominal core dimensions:

63 x 50 x 30

Finished product dimensions:

OD \leq 82,8 (OD1) / 45,5 (OD2)

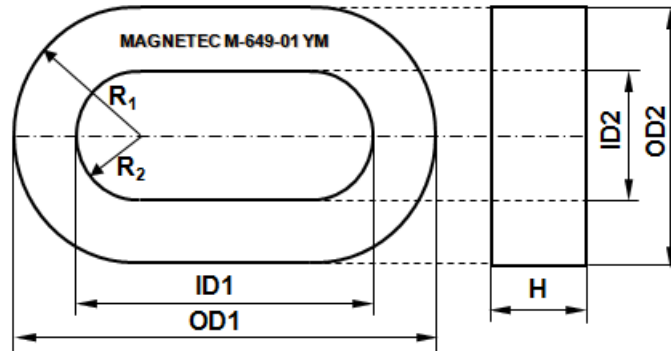
ID \geq 57,5 (ID1) / 20,6 (ID2)

H \leq 33,0

[dimensions] = mm

R1 = 22,6

R2 = 10,4



2. Core data (nominal values)

Core material:	NANOPERM®	$L_{Fe} = 17,67 \text{ cm}$	$A_{Fe} = 1,44 \text{ cm}^2$
Permeability level:	ca. 30 000	@ frequency 10 kHz	@ H peak 3,2 mA/cm

3. Inspection values

	Measured value	Measurement limits	Frequency	$l_{eff} \times N$ [mA x turn]
AL [μ H]		23,3 - 46,6	10 kHz	40
AL [μ H]		11,0 - NA	100 kHz	40

4. Core finishing

Type:	Cased
Marking:	MAGNETEC M-649-01 YM (YM = Year/Month), acc. to IEC 60062 6.1.1
Packaging:	7 pcs. per layer; 4 layers per carton box; PU = 28 pcs.

5. Comments:



Index / Revision	Alteration	Date
01 / 01	Product Specification	12.03.2012
01 / 02	OD corrected	25.05.2012
01 / 03	100kHz lower limit defined	04.12.2014

Created:	Z. Palánki	Approved (Techn):	F. Záborszky	Approved (Quality):	J. Gulyás	Released:	T. Trupp
	04.12.2014		26.03.2015		26.03.2015		26.03.2015