

FORM
Identifier: F 108
Revision: 03
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Product specification
for inductive components

MAGNETEC GmbH
Industriestrasse 7
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Client:	MAGNETEC GmbH	Magnetec P/N:	M-283	Magnetec A/N:	12511
Client's P/N:		PS Index:	01	PS Revision:	01
Subject:	EMC Wandler			Type:	E

1. Mechanical Outline

Nominal core dimensions:

80 x 63 x 30

Finished product dimensions:

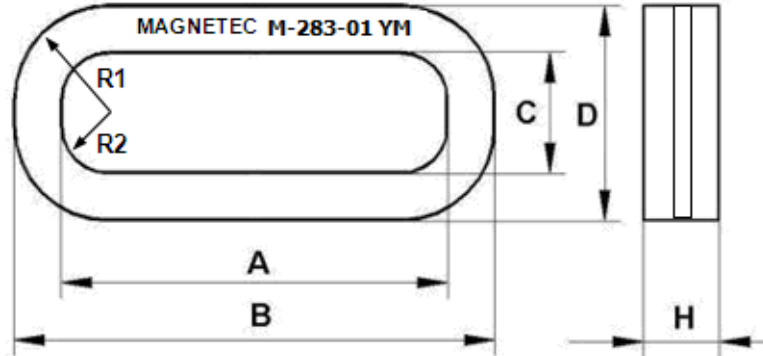
OD \leq 101,0 (B) / 62,0 (D)

ID \geq 68,0 (A) / 28,0 (C)

H \leq 37,0

R1 = 31,1 / R2 = 13,9

[dimensions] = mm



2. Core data

Core material:	NANOPERM®	$L_{Fe} = 22,36 \text{ cm}$	$A_{Fe} = 1,86 \text{ cm}^2$
Nominal values:	Permeability level	@ frequency	@ H peak
	~30 000	10 kHz	3,16 mA/cm

3. Inspection values

	Measured value	Measurement limits	Frequency	leff x N [mA x turn]
AL	[μ H]	24,1 - 48,2	10 kHz	50,0

4. Core finishing

Type:	Cased
Marking:	MAGNETEC M-283-01 YM
Packaging:	6 pcs. per layer; 2 layers per carton box; PU = 12 pcs.

5. Comments:

<input checked="" type="checkbox"/> Marking date code (YM) acc. to IEC 62 5.1; YM = production year and month <input checked="" type="checkbox"/> RoHS compliant according to directive 2002/95/EC

Index / Revision	Alteration	Date
01 / 01	Product Specification	10.03.2010

Created:	Zs. Eperjesi	Approved (Techn):	F. Záborszky	Approved (Quality):	V. Káposztas	Released:	F. Rauscher
	10.03.2010		29.03.2010		09.04.2010		09.04.2010