

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

MAGNETEC GmbH  
Industriestrasse 7  
D-63505 Langenselbold



Client:	MAGNETEC GmbH	Magnetec P/N:	M-284	Magnetec A/N:	12457
Client's P/N:	/	PS Index:	01	PS Revision:	01
Subject:	EMC Wandler			Type:	E

1. Mechanical Outline

Nominal core dimensions:

100 x 80 x 30

Finished product dimensions:

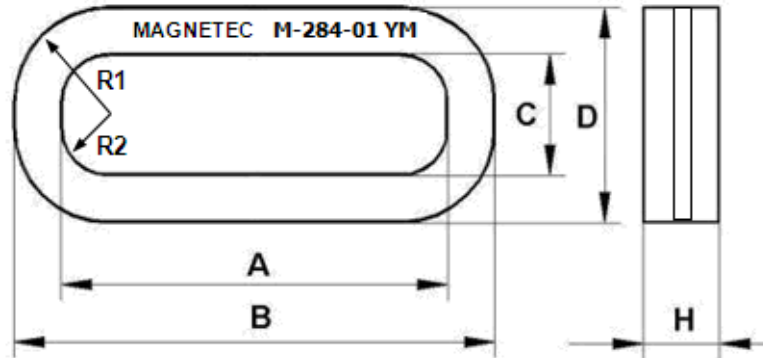
OD  $\leq$  130,0 (B) / 66,0 (D)

ID  $\geq$  94,0 (A) / 30,0 (C)

H  $\leq$  37,0

R1 = 32,9 / R2 = 14,9

[dimensions] = mm



2. Core data

Core material:	NANOPERM®	$L_{Fe} = 28,16$ cm	$A_{Fe} = 2,25$ cm <sup>2</sup>
Nominal values:	Permeability level ~ 30 000	@ frequency 10 kHz	@ H peak 3,0 mA/cm

3. Inspection values

	Measured value	Measurement limits	Frequency	leff x N [mA x turn]
AL	[ $\mu$ H]	22,5 - 45,0	10 kHz	60

4. Core finishing

Type:	Cased
Marking:	MAGNETEC M-284-01 YM
Packaging:	6 pcs. per layer; 2 layers per carton box; PU = 12 pcs.

5. Comments:

- Marking date code (YM) acc. to IEC 62 5.1; YM = production year and month
- RoHS compliant according to directive 2002/95/EC

Index / Revision	Alteration	Date
01 / 01	Product Specification	30.09.2009

Created:	Á. Kovách	Approved (Techn):	F. Záborszky	Approved (Quality):	V. Kaposztas	Released:	F. Rauscher
	30.09.2009		02.10.2009		07.10.2009		16.10.2009