

Product specification for inductive components

Form: MF04.05 (F108)
Revision: 01

Client:	MAGNETEC / Epcos	Magnetec P/N:	M-1172	Magnetec A/N:	12889
Client's P/N:	/	PS Index:	01	PS Revision:	01
Subject:	EMC Wandler				

1. Mechanical Outline

Nominal equivalent round core:

54,3 x 40,9 x 20

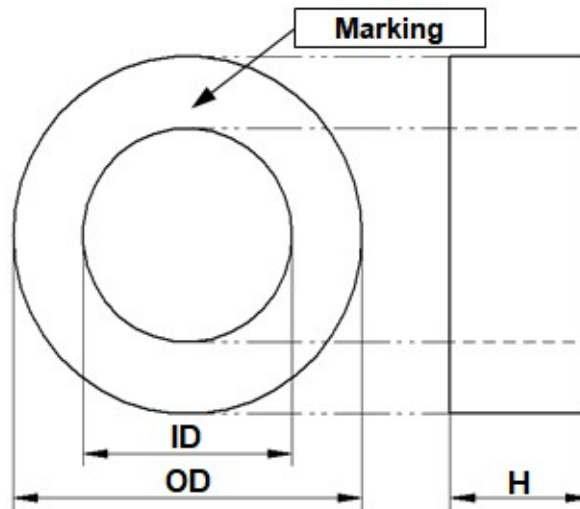
Finished product dimensions:

OD ≤ **57,5**

ID ≥ **37,7**

H ≤ **23,5**

[dimensions] = mm



2. Core data (nominal values)

Core material:	NANOPERM®	$L_{Fe} = 14,86 \text{ cm}$	$A_{Fe} = 1,02 \text{ cm}^2$
Permeability level:	90 000	@ frequency 10 kHz	@ H peak 3 mA/cm

3. Inspection values (at room temperature, unless otherwise stated)

Measured value	Measurement limits	Frequency	$l_{eff} \times N$ [mA x turn]
AL [μH]	52,1 - 104,2	10 kHz	31,5
AL [μH]	15,2 - NA	100 kHz	31,5

4. Core finishing

Type:	Glued into case
Marking:	MAGNETEC M-1172-01 YM (YM = Year/Month), acc. to IEC 60062 6.1.1
Packaging:	10 pcs. per layer; 4 layers per carton box; PU = 40 pcs.

5. Comments

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

Index / Revision	Alteration	Date
01 / 01	First issue	23.07.2018

Created:	Z. Palánki 23.07.2018	Approved (Techn):	F. Záborszky 07.08.2018	Approved (Quality):	R. Montvai 30.07.2018	Released:	T. Trupp 31.08.2018
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