

Product specification for inductive components

Form: MF04.05 (F108)
Revision: 01

Client:	MAGNETEC	Magnetec P/N:	M-073	Magnetec A/N:	12059
Client's P/N:	/	PS Index:	04	PS Revision:	05
Subject:	EMC Wandler				

1. Mechanical Outline

Nominal equivalent round core:

12 x 8,5 x 6

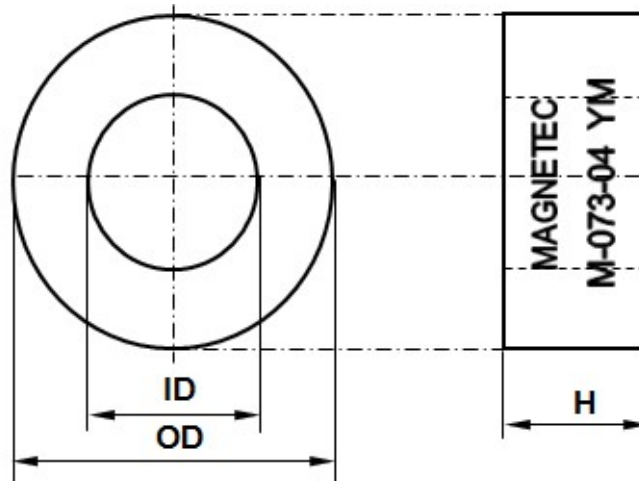
Finished product dimensions:

OD \leq 12,9

ID \geq 7,6

H \leq 6,7

[dimensions] = mm



2. Core data (nominal values)

Core material:	NANOPERM®	$L_{Fe} = 3,19 \text{ cm}$	$A_{Fe} = 0,08 \text{ cm}^2$
Permeability level:	ca. 80 000	@ frequency 10 kHz	@ H peak 4,4 mA/cm

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

Measured value	Measurement limits	Frequency	leff x N [mA x turn]
AL [μH]	19 - 37,1	10 kHz	10
AL [μH]	5,0 - NA	100 kHz	10

4. Core finishing

Type:	Epoxy coated
Marking:	MAGNETEC M-073-04 YM (YM = Year/Month), acc. to IEC 60062 6.1.1
Packaging:	128 pcs. per layer; 10 layers per carton box; PU = 1280 pcs.

5. Comments

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

Index / Revision	Alteration	Date
03 / 00	Product specification	13.11.2001
03 / 01	PU = 1100 pcs / RoHS conform	05.06.2007
03 / 02	Marking on cylinder side	13.05.2009
03 / 03	PU = 1280 pcs	08.05.2012
03 / 04	Define 100kHz lower limit	08.09.2014
04 / 05	10kHz lower limit increased by 0,5 μ H	18.11.2014

Created:	Z. Palánki 18.11.2014	Approved (Techn):	F. Zámboarszky 15.12.2014	Approved (Quality):	J. Gulyás 15.12.2014	Released:	T. Trupp 15.12.2014
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