



Product specification for inductive components

Form: MF04.05 (F108)
Revision: 01

Client:	MAGNETEC	Magnetec P/N:	M-318	Magnetec A/N:	12335
Client's P/N:	/	PS Index:	02	PS Revision:	02
Subject:	EMC Wandler				

1. Mechanical Outline

Nominal equivalent round core:

10 x 7 x 6

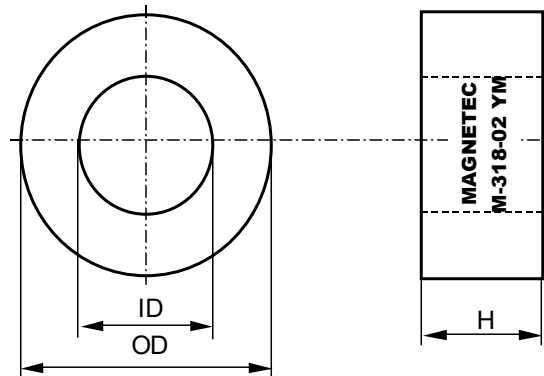
Finished product dimensions:

OD ≤ 12,0

ID ≥ 5,5

H ≤ 7,6

[dimensions] = mm



2. Core data (nominal values)

Core material:	NANOPERM®	$L_{Fe} = 2,64 \text{ cm}$	$A_{Fe} = 0,07 \text{ cm}^2$
Permeability level:	ca. 60 000	@ frequency 10 kHz	@ H peak 5,35 mA/cm

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

Measured value	Measurement limits	Frequency	leff x N [mA x turn]
AL [μH]	13,5 - 27	10 kHz	10
AL [μH]	12 - 24	20 kHz	10
AL [μH]	4,9 - NA	100 kHz	10

4. Core finishing

Type:	Epoxy coated
Marking:	MAGNETEC M-318-02 YM (YM = Year/Month), acc. to IEC 60062 6.1.1
Packaging:	600 pcs. per layer; 3 layers per carton box; PU = 1800 pcs.

5. Comments

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

Index / Revision	Alteration	Date
02 / 01	First issue	27.04.2006
02 / 02	Nominal permeability at 10kHz and AL limits at 10 and 100kHz are	14.05.2015

Created:	Z. Palánki 14.05.2015	Approved (Techn):	F. Zámbořszky 03.06.2015	Approved (Quality):	J. Gulyás 03.06.2015	Released:	T. Trupp 03.06.2015
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