



Product specification for inductive components

Form: MF04.05 (F108)
Revision: 01

Client:	MAGNETEC	Magnetec P/N:	M-294	Magnetec A/N:	12960
Client's P/N:	/	PS Index:	02	PS Revision:	05
Subject:	EMC Wandler				

1. Mechanical Outline

Nominal equivalent round core:

40 x 32 x 15

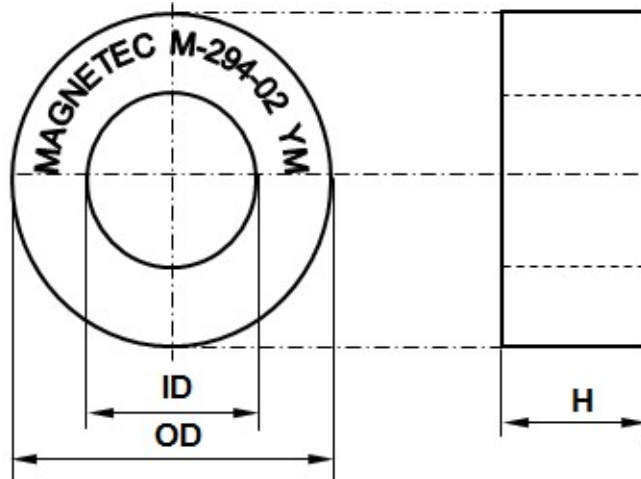
Finished product dimensions:

OD \leq **43,1**

ID \geq **28,8**

H \leq **17,4**

[dimensions] = mm



2. Core data (nominal values)

Core material:	NANOPERM®	$L_{Fe} = 11,26 \text{ cm}$	$A_{Fe} = 0,48 \text{ cm}^2$
Permeability level:	30.000	@ frequency 10 kHz	@ H peak 3,14 mA/cm

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

Measured value	Measurement limits	Frequency	leff x N [mA x turn]
AL [μH]	10,7 - 21,4	10 kHz	0.3V
AL [μH]	6.36 - NA	100 kHz	0.3V

4. Core finishing

Type:	Glued into case
Marking:	MAGNETEC M-294-02 YM (YM = Year/Month), acc. to IEC 60062 6.1.1
Packaging:	18 pcs. per layer; 5 layers per carton box; PU = 90 pcs.

5. Comments

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

Index / Revision	Alteration	Date
01 / 01	Product Specification	18.04.2006
02 / 02	Case material Ultramid; Case height \leq 17,4mm	06.04.2011
02 / 03	100kHz lower limit defined	17.11.2014
02 / 04	100 kHz lower limit increased	29.11.2018
02 / 05	Update to glued core	2021-01-23

Created:	Y. Li 2021.1.20	Approved (Techn):		Approved (Quality):		Released:	
-----------------	--------------------	--------------------------	--	----------------------------	--	------------------	--

Disclosing the specification to third parties or using its content without written permission from MAGNETEC is strictly forbidden and every offender is liable to pay the corresponding damages