Magnetec	**Product specification for inductive components**	Form: Revision:	MF04.05 (F108) 02

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Client:	**MAGNETEC**	**Magnetec P/N:**	**M-1249**		
Client's P/N:	/	**PS Index:**	**01**	**PS Revision:**	**02**
Subject:	**EMC Wandler**				

1. Mechanical Outline

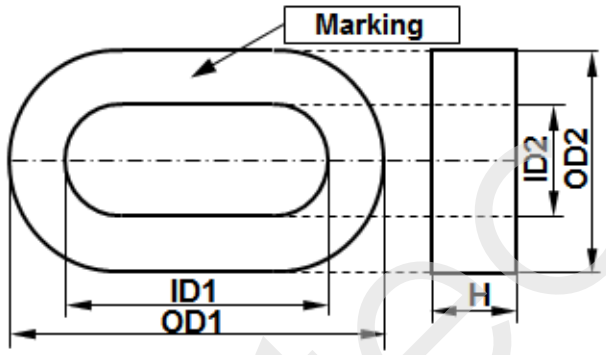
Nominal equivalent round core:

50 x 40 x 20

Finished product dimensions:

OD ≤ **60,7 (OD1) / 40,7 (OD2)**
ID ≥ **42,7 (ID1) / 24,8 (ID2)**
H ≤ **22,4**

[dimensions] = mm



2. Core data (nominal values)

Core material:	**NANOPERM®**	L_{Fe} = **14,1 cm**	A_{Fe} = **0,8 cm²**
Permeability level:		@ frequency	@ H peak
	60 000	**10 kHz**	**3 mA/cm**

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

Measured value	Measurement limits	Frequency	Ieff x N [mA x turn]
AL [µH]	**27,8 - 55,6**	**10 kHz**	**30**
AL [µH]	**9,6 - NA**	**100 kHz**	**30**

4. Core finishing

Type:	**Glued into case**
Marking:	**MAGNETEC M-1249-01 YM (YM = Year/Month), acc. to IEC 60062 6.1.1**
Packaging:	**12 pcs. per layer; 5 layers per carton box; PU = 60 pcs.**

5. Comments

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

Index / Revision	Alteration	Date
01 / 01	First issue	09.06.2017
01 / 02	Height limit increased	07.04.2020

Created:	Z. Palánki 07.04.2020	**Approved (Techn):**	F. Zámborszky 21.04.2020	**Approved (Quality):**	Sz. Ilcsik 21.04.2020	**Released:**	M. Hoentsch 21.04.2020

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