

FORM F 108
Revision: 05
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Product specification
for inductive components

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| | | | | | |
|---------------|---------------|---------------|-------|---------------|-------|
| Client: | MAGNETEC GmbH | Magnetec P/N: | M-541 | Magnetec A/N: | 12410 |
| Client's P/N: | / | PS Index: | 01 | PS Revision: | 02 |
| Subject: | EMC Wandler | | | | |

1. Mechanical Outline

Nominal equivalent round core:

40 x 32 x 15

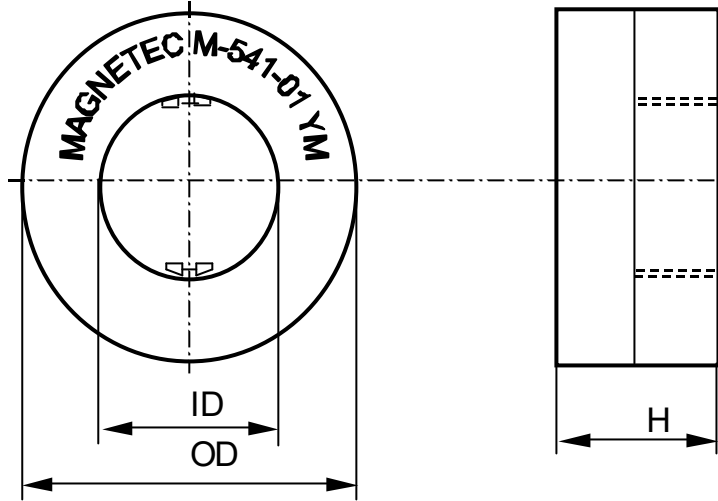
Finished product dimensions:

OD ≤ 43,1

ID ≥ 28,8

H ≤ 17,3

[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: | ~20.000 | @ frequency 100 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] | 7,0 - 11,5 | 100 kHz | 25 |

4. Core finishing

| | |
|------------|---|
| Type: | Cased and impregnated |
| Marking: | MAGNETEC M-541-01 YM |
| Packaging: | 24 pcs. per layer; 5 layers per carton box; PU = 120 pcs. |

5. Comments

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

| Index / Revision | Alteration | Date |
|------------------|---|------------|
| 01S / 01 | Sample | 12.09.2007 |
| 01 / 01 | Product specification | 14.11.2007 |
| 01 / 02 | Harmonization of part and finished product dimensions | 15.01.2020 |

| | | | | | | | |
|----------|---------------------------|-------------------|----------------------------|---------------------|-----------------------|-----------|--------------------------|
| Created: | Z. Braxátor 15.01.2020 | Approved (Techn): | F. Záborszky 15.01.2020 | Approved (Quality): | G. Zsák 15.01.2020 | Released: | B. Kessler 15.01.2020 |
|----------|---------------------------|-------------------|----------------------------|---------------------|-----------------------|-----------|--------------------------|

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