

FORM F 108  
Revision: 05  
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Product specification  
for inductive components

MAGNETEC GmbH  
Industriestrasse 7  
D-63505 Langenselbold

|               |             |               |       |               |       |
|---------------|-------------|---------------|-------|---------------|-------|
| Client:       | MAGNETEC    | Magnetec P/N: | M-682 | Magnetec A/N: | 12616 |
| Client's P/N: | /           | PS Index:     | 01    | PS Revision:  | 03    |
| Subject:      | EMC Wandler |               |       |               |       |

1. Mechanical Outline

Nominal equivalent round core:

63 x 50 x 30

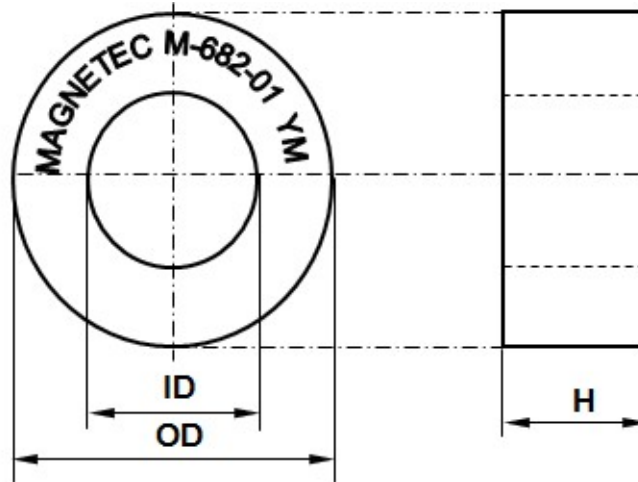
Finished product dimensions:

OD  $\leq$  68,7

ID  $\geq$  43,8

H  $\leq$  36,0

[dimensions] = mm



2. Core data (nominal values)

|                     |           |                               |                              |
|---------------------|-----------|-------------------------------|------------------------------|
| Core material:      | NANOPERM® | $L_{Fe} = 17,40 \text{ cm}$   | $A_{Fe} = 1,60 \text{ cm}^2$ |
| Permeability level: | 4.000     | @ frequency<br>10 and 100 kHz | @ H peak<br>3 mA/cm          |

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

| Measured value | Measurement limits | Frequency      | leff x N [mA x turn] |
|----------------|--------------------|----------------|----------------------|
| AL [ $\mu$ H]  | 3,24 - 6,46        | 10 and 100 kHz | 37,0                 |

4. Core finishing

|            |  |
|------------|--|
| Type:      | Cased  |
| Marking:   | MAGNETEC M-682-01 YM (YM = Year/Month), acc. to IEC 62 5.1 |
| Packaging: | 8 pcs. per layer; 2 layers per carton box; PU = 16 pcs.    |

5. Comments

Visit [http://www.magnetec.de/fileadmin/pdf/pb\\_ds.pdf](http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf) for further information.

| Index / Revision | Alteration  | Date       |
|------------------|---|------------|
| 01 / 01          | Product Specification                                 | 27.03.2012 |
| 01 / 03          | Upper tolerance changed                               | 19.04.2012 |
| 01 / 03          | Harmonization of part and finished product dimensions | 17.01.2020 |

|          |                           |                   |                            |                     |                       |           |                          |
|----------|---------------------------|-------------------|----------------------------|---------------------|-----------------------|-----------|--------------------------|
| Created: | Z. Braxátor<br>17.01.2020 | Approved (Techn): | F. Záborszky<br>17.01.2020 | Approved (Quality): | G. Zsák<br>17.01.2020 | Released: | B. Kessler<br>17.01.2020 |
|----------|---------------------------|-------------------|----------------------------|---------------------|-----------------------|-----------|--------------------------|

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