

FORM F 108
Revision: 05
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Product specification
for inductive components

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|---------------|-------------|---------------|-------|---------------|-------|
| Client: | Magnetec | Magnetec P/N: | M-999 | Magnetec A/N: | 12830 |
| Client's P/N: | / | PS Index: | 02 | PS Revision: | 02 |
| Subject: | EMC Wandler | | | | |

1. Mechanical Outline

Nominal equivalent round core:

148,2 x 127,4 x 50

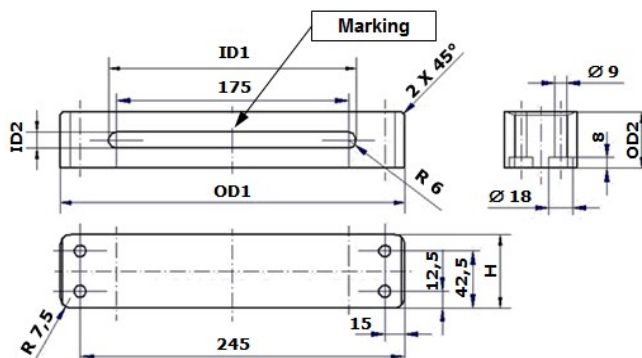
Finished product dimensions:

OD \leq 260,0 (OD1) / 41,8 (OD2)

ID \geq 187,0 (ID1) / 12,0 (ID2)

H \leq 55,0

[dimensions] = mm



2. Core data (nominal values)

| | | | |
|---------------------|-----------|-----------------------------|------------------------------|
| Core material: | NANOPERM® | $L_{Fe} = 43,22 \text{ cm}$ | $A_{Fe} = 3,64 \text{ cm}^2$ |
| Permeability level: | 30.000 | @ frequency 10 kHz | @ H peak 3 mA/cm |

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

| Measured value | Measurement limits | Frequency | leff x N [mA x turn] |
|----------------|--------------------|-----------|----------------------|
| AL [μ H] | 22,5 - 45,0 | 10 kHz | 92 |
| AL [μ H] | 11,6 - NA | 100 kHz | 92 |

4. Core finishing

| | |
|------------|---|
| Type: | Glued into case |
| Marking: | MAGNETEC M-999-02 YM (YM = Year/Month), acc. to IEC 60062 6.1.1 |
| Packaging: | 4 pcs. per layer; 2 layers per carton box; PU = 8 pcs. |

5. Comments

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

| Index / Revision | Alteration | Date |
|------------------|---------------------|------------|
| 01 / 01 | First issue | 28.02.2017 |
| 02 / 02 | Permeability change | 22.05.2017 |

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|----------|--------------------------|-------------------|-----------------------------|---------------------|-----------------------|-----------|------------------------|
| Created: | Z. Palánki 22.05.2017 | Approved (Techn): | F. Zámbořszky 01.06.2017 | Approved (Quality): | G. Zsák 01.06.2017 | Released: | T. Trupp 08.06.2017 |
|----------|--------------------------|-------------------|-----------------------------|---------------------|-----------------------|-----------|------------------------|

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