

FORM F 108
Revision: 05
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Product specification
for inductive components

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|---------------|-------------|---------------|-------|---------------|-------|
| Client: | MAGNETEC | Magnetec P/N: | M-456 | Magnetec A/N: | 12425 |
| Client's P/N: | / | PS Index: | 01 | PS Revision: | 04 |
| Subject: | EMC Wandler | | | | |

1. Mechanical Outline

| | |
|---|--|
| <p>Nominal equivalent round core: 160 x 130 x 30</p> <p>Finished product dimensions: OD \leq 165,2 ID \geq 122,8 H \leq 35,0</p> <p>[dimensions] = mm</p> | |
|---|--|

2. Core data (nominal values)

| | | | |
|---------------------|-----------|-----------------------|---------------------------------|
| Core material: | NANOPERM® | $L_{Fe} = 44,98$ cm | $A_{Fe} = 3,50$ cm ² |
| Permeability level: | 8.000 | @ 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] | 5,48 - 10,94 | 10 kHz | 95 |
| AL [μ H] | 4,65 - 9,29 | 100 kHz | 95 |

4. Core finishing

| | |
|------------|--|
| Type: | Cased |
| Marking: | MAGNETEC M-456-01 YM |
| Packaging: | 1 pcs. per layer; 5 layers per carton box; PU = 5 pcs. |

5. Comments

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

| Index / Revision | Alteration | Date |
|------------------|---|------------|
| 01 / 01 | Product Specification | 10.01.2008 |
| 01 / 02 | AL value range | 05.06.2008 |
| 01 / 03 | AL limits and working point | 30.09.2010 |
| 01 / 04 | Harmonization of part and finished product dimensions | 16.01.2020 |

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|----------|---------------------------|-------------------|----------------------------|---------------------|-----------------------|-----------|--------------------------|
| Created: | Z. Braxátor 16.01.2020 | Approved (Techn): | F. Záborszky 16.01.2020 | Approved (Quality): | G. Zsák 16.01.2020 | Released: | B. Kessler 16.01.2020 |
|----------|---------------------------|-------------------|----------------------------|---------------------|-----------------------|-----------|--------------------------|

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