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|---|---|---|
| <b>FORM</b><br>Identifier: F 108<br>Revision: 03<br>Page: 1/1 | <b>Product specification<br/>for inductive components</b> | <b>MAGNETEC GmbH</b><br>Industriestrasse 7<br>D-63505 Langenselbold |
|---|---|---|



|                      |                      |                      |              |                      |              |
|----------------------|----------------------|----------------------|--------------|----------------------|--------------|
| <b>Client:</b>       | <b>MAGNETEC GmbH</b> | <b>Magnetec P/N:</b> | <b>M-033</b> | <b>Magnetec A/N:</b> | <b>12019</b> |
| <b>Client's P/N:</b> | /                    | <b>PS Index:</b>     | <b>04</b>    | <b>PS Revision:</b>  | <b>02</b>    |
| <b>Subject:</b>      | <b>EMC Wandler</b>   |                      |              | <b>Type:</b>         | <b>E</b>     |

|  |  |
|--|--|
| <b>1. Mechanical Outline</b>   |  |
| Nominal core dimensions:<br><br><b>25,0 x 16,0 x 10,0</b><br><br>Finished product dimensions:<br><br>OD ≤ 26,6<br>ID ≥ 13,7<br>H ≤ 12,3<br><br>[dimensions] = mm |  |

|                     |                    |                            |                              |
|---------------------|--------------------|----------------------------|------------------------------|
| <b>2. Core data</b> |                    |                            |                              |
| Core material:      | <b>NANOPERM®</b>   | $L_{Fe} = 6,25 \text{ cm}$ | $A_{Fe} = 0,32 \text{ cm}^2$ |
| Nominal values:     | Permeability level | @ frequency                | @ $H_{max}$                  |
|                     | <b>~25 000</b>     | <b>10 kHz</b>              | <b>3,3 mA/cm</b>             |

|                             |                       |                    |               |                      |
|-----------------------------|-----------------------|--------------------|---------------|----------------------|
| <b>3. Inspection values</b> |                       |                    |               |                      |
|                             | Measured value        | Measurement limits | Frequency     | leff x N [mA x turn] |
|                             | <b>AL</b> <b>[μH]</b> | <b>11,4 - 22,8</b> | <b>10 kHz</b> | <b>15,0</b>          |

|                          |  |
|--------------------------|--|
| <b>4. Core finishing</b> |  |
| Type:                    | <b>Epoxy coated</b>  |
| Marking:                 | <b>MAGNETEC M-033-04 YM</b>                                      |
| Packaging:               | <b>75 pcs. per layer; 7 layers per carton box; PU = 525 pcs.</b> |

|                     |   |
|---------------------|---|
| <b>5. Comments:</b> |   |
|                     | <input checked="" type="checkbox"/> <b>Date code (YM) on marking acc. to IEC 62 5.1; YM = production year and month</b><br><input checked="" type="checkbox"/> <b>RoHS compliant acc. to Directive 2002/95/EC</b> |

| Index / Revision | Alteration  | Date       |
|------------------|---|------------|
| 03 / 00          | Product Specification                                     | 07.03.2000 |
| 03 / 01          | Permeability level ca. 25.000; OD ≤ 26.6mm; PU = 525 pcs. | 20.07.2004 |
| 04 / 02          | New format; AL = 11,4 - 22,8 μH                           | 28.11.2007 |

|                 |            |                          |              |                            |              |                  |             |
|-----------------|------------|--------------------------|--------------|----------------------------|--------------|------------------|-------------|
| <b>Created:</b> | A. Kovách  | <b>Approved (Techn):</b> | F. Zámorszky | <b>Approved (Quality):</b> | V. Kaposztas | <b>Released:</b> | F. Rauscher |
|                 | 28.11.2007 |                          | 11.12.2007   |                            | 13.12.2007   |                  | 13.12.2007  |