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| FORM Identifier: F 108 Revision: 03 Page: 1/1 | Product specification for inductive components | MAGNETEC GmbH Industriestrasse 7 D-63505 Langenselbold |
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|----------------------|---------------|----------------------|-------|----------------------|-------|
| Client: | MAGNETEC GmbH | Magnetec P/N: | M-104 | Magnetec A/N: | 12463 |
| Client's P/N: | | PS Index: | 03 | PS Revision: | 03 |
| Subject: | EMC Wandler | | | Type: | E |

| 1. Mechanical Outline | |
|---|--|
| Nominal core dimensions: 16 x 10 x 6 Finished product dimensions: OD ≤ 17,8 ID ≥ 8,0 H ≤ 8,0 [dimensions] = mm | |

| 2. Core data | | | |
|-----------------|--------------------|---------------------------|------------------------------|
| Core material: | NANOPERM® | $L_{Fe} = 4,0 \text{ cm}$ | $A_{Fe} = 0,12 \text{ cm}^2$ |
| Nominal values: | Permeability level | @ frequency | @ H peak |
| | ~25 000 | 10 kHz | 3,53 mA/cm |

| 3. Inspection values | | | | |
|----------------------|----------------|--------------------|-----------|--------------------------------|
| | Measured value | Measurement limits | Frequency | $I_{eff} \times N$ [mA x turn] |
| | AL [μH] | 7,9 - 15,8 | 10 kHz | 10,0 |

| 4. Core finishing | |
|-------------------|--|
| Type: | Cased |
| Marking: | "MAGNETEC - M-104-03 YM" (YM = Production year/month) |
| Packaging: | 115 pcs. per layer; 9 layers per carton box; PU = 990 pcs. |

| 5. Comments: | |
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| | <input type="checkbox"/> Marking date code (YM) acc. to IEC 62 5.1; YM = production year and month <input type="checkbox"/> RoHS compliant according to directive 2002/95/EC |

| Index / Revision | Alteration | Date |
|------------------|---|------------|
| 01 / 00 | Product Specification / Case MT-014 | 12.07.2001 |
| 02 / 01 | AL = 7,9 - 15,8 μH / PU = 230 pcs. | 28.04.2003 |
| 03 / 02 | Case MT-026 / PU = 990 pcs. / RoHS compliance | 20.09.2005 |
| 03 / 03 | New LN Form | 14.11.2008 |

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| Created: | Á. Kovách | Approved (Techn): | F. Záborszky | Approved (Quality): | V. Kaposztas | Released: | F. Rauscher |
| | 14.11.2008 | | 18.11.2008 | | 18.11.2008 | | 18.11.2008 |