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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-125 | Magnetec A/N: | 12130 |
| Client's P/N: | | PS Index: | 02 | PS Revision: | 01 |
| Subject: | EMC Wandler | | | Type: | |

| 1. Mechanical Outline | |
|--|--|
| <p>Nominal core dimensions: 16 x 10 x 6</p> <p>Finished product dimensions: OD ≤ 17,8 ID ≥ 8,2 H ≤ 8,0</p> <p>[dimensions] = mm</p> | |

| 2. Core data | | | |
|-----------------|-------------------------------|---------------------------|------------------------------|
| Core material: | NANOPERM® | $L_{Fe} = 4,0 \text{ cm}$ | $A_{Fe} = 0,12 \text{ cm}^2$ |
| Nominal values: | Permeability level ~30 000 | @ frequency 10 kHz | @ H_{max} 3,5 mA/cm |

| 3. Inspection values | | | | |
|----------------------|----------------|--------------------|-----------|--------------------------------|
| | Measured value | Measurement limits | Frequency | $l_{eff} \times N$ [mA x turn] |
| | AL [μH] | 9,5 - 19,0 | 10 kHz | 10,0 |

| 4. Core finishing | |
|-------------------|---|
| Type: | Cased, base included |
| Marking: | "MAGNETEC M-125-02 YM" (YM = Production year/month) |
| Packaging: | 60 pcs. per layer; 6 layers per carton box; PU = 360 pcs. |

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

| Index / Revision | Alteration | Date |
|------------------|---|------------|
| 01 / 00 | Product Specification | 06.09.2001 |
| 02 / 01 | LN form / PU = 360 pcs / RoHS compliant | 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 |