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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-248 | Magnetec A/N: | 12386 |
| Client's P/N: | / | PS Index: | 04 | PS Revision: | 02 |
| Subject: | EMC Wandler | | | Type: | E |

| 1. Mechanical Outline | |
|--|--|
| Nominal core dimensions: 300 x 254 x 30 Finished product dimensions: OD \leq 392,0 (B) / 160,0 (D) ID \geq 326,0 (A) / 94,0 (C) H \leq 36,0 [dimensions] = mm | |

| 2. Core data | | | |
|-----------------|--------------------|----------------------------|-----------------------------|
| Core material: | NANOPERM® | $L_{Fe} = 87,1 \text{ cm}$ | $A_{Fe} = 5,2 \text{ cm}^2$ |
| Nominal values: | Permeability level | @ frequency | @ H peak |
| | ~30 000 | 10 kHz | 3,14 mA/cm |

| 3. Inspection values | | | | |
|----------------------|----------------|--------------------|-----------|----------------------|
| | Measured value | Measurement limits | Frequency | leff x N [mA x turn] |
| | AL [μH] | 15,8 - 31,5 | 10 | 185 |

| 4. Core finishing | |
|-------------------|---|
| Type: | Cased |
| Marking: | MAGNETEC M-248-04 YM |
| Packaging: | 1 pcs. per layer; 5 layers per carton box; PU = 5 pcs. |

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

| Index / Revision | Alteration | Date |
|------------------|--------------------------------------|------------|
| 04 / 01 | Product specification / Moulded case | 12.12.2006 |
| 04 / 02 | PU = 5 pcs. | 17.07.2009 |

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|-----------------|----------------|--------------------------|------------|----------------------------|--------------|------------------|-------------|
| Created: | F. Zámboreszky | Approved (Techn): | J. Nyéki | Approved (Quality): | V. Káposztás | Released: | F. Rauscher |
| | 17.07.2009 | | 21.07.2009 | | 21.07.2009 | | 21.07.2009 |