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| FORM F 108 Revision: 05 Page: /1 | Product specification for inductive components | MAGNETEC GmbH Industriestrasse 7 D-63505 Langenselbold |
|----------------------------------------|-----------------------------------------------------------|---------------------------------------------------------------------|

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|----------------------|----------------------|----------------------|--------------|----------------------|--------------|
| Client: | MAGNETEC GmbH | Magnetec P/N: | M-208 | Magnetec A/N: | 12177 |
| Client's P/N: | / | PS Index: | 01 | PS Revision: | 02 |
| Subject: | EMC Wandler | | | | |

| 1. Mechanical Outline | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <p>Nominal equivalent round core:</p> <p>40 x 32 x 15</p> <p>Finished product dimensions:</p> <p>OD \leq 42,3 ID \geq 29,1 H \leq 17,3</p> <p>[dimensions] = mm</p> | |

| 2. Core data (nominal values) | | | |
|-------------------------------|------------------|-------------------------------|-------------------------------|
| Core material: | NANOPERM® | $L_{Fe} = 11,26 \text{ cm}$ | $A_{Fe} = 0,48 \text{ cm}^2$ |
| Permeability level: | $\sim 20\ 000$ | @ frequency 100 kHz | @ H peak 3,14 mA/cm |

| 3. Inspection values (at room temperature, unless otherwise stated) | | | |
|---------------------------------------------------------------------|--------------------|----------------|----------------------|
| Measured value | Measurement limits | Frequency | leff x N [mA x turn] |
| AL [μH] | 7,0 - 11,5 | 100 kHz | 25 |

| 4. Core finishing | |
|-------------------|------------------------------------------------------------------|
| Type: | Epoxy coated and foil bandaged core |
| Marking: | MAGNETEC M-208-01 YM |
| Packaging: | 24 pcs. per layer; 5 layers per carton box; PU = 120 pcs. |

| 5. Comments | |
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| Visit http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf for further information. | |

| Index / Revision | Alteration | Date |
|------------------|--------------------------------|------------|
| 01 / 00 | Product Specification | 20.09.2002 |
| 01 / 01 | RoHS compliant / PU = 120 pcs. | 07.02.2006 |
| 01 / 02 | New form | 14.11.2007 |

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|-----------------|-------------------------|--------------------------|----------------------------|----------------------------|----------------------------|------------------|---------------------------|
| Created: | Á. Kovách 14.11.2007 | Approved (Techn): | F. Záborszky 04.12.2007 | Approved (Quality): | V. Kaposztas 04.12.2007 | Released: | F. Rauscher 04.12.2007 |
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