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| FORM Identifier: F 108 Revision: 04 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-302 | Magnetec A/N: | 12458 |
| Client's P/N: | / | PS Index: | 02 | PS Revision: | 03 |
| Subject: | EMC Wandler | | | Type: | |

| 1. Mechanical Outline | |
|--|--|
| Nominal core dimensions: 160 x 130 x 30 Finished product dimensions: $OD \leq 197,0$ (OD1) / 111,0 (OD2) $ID \geq 155,0$ (ID1) / 69,0 (ID2) $H \leq 36,0$ [dimensions] = mm $R1 = 55,5$ $R2 = 34,5$ | |

| 2. Core data (nominal values) | | | |
|-------------------------------|-----------|-----------------------|--------------------------------|
| Core material: | NANOPERM® | $L_{Fe} = 44,7$ cm | $A_{Fe} = 3,3$ cm ² |
| Permeability level: | ~30 000 | @ frequency 10 kHz | @ H peak 3,1 mA/cm |

| 3. Inspection values | | | | |
|----------------------|----------------|--------------------|-----------|--------------------------------|
| | Measured value | Measurement limits | Frequency | $I_{eff} \times N$ [mA x turn] |
| | AL [μ H] | 20,9 - 45 | 10 kHz | 100 |
| | AL [μ H] | 12,6 - NA | 100 kHz | 100 |

| 4. Core finishing | |
|-------------------|---|
| Type: | Cased |
| Marking: | MAGNETEC M-302-02 YM (YM = Year/Month), acc. to IEC 60062 6.1.1 |
| Packaging: | 1 pcs. per layer; 5 layers per carton box ; PU = 5 pcs. |

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

| Index / Revision | Alteration | Date |
|------------------|---|-------------|
| 02 / 01 | Product Specification | m11.11.2009 |
| 02 / 02 | 100kHz lower limit defined | 17.11.2014 |
| 02 / 03 | Increase 100kHz lower limit to 12,6 μ H | 24.04.2018 |

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|-----------------|------------|--------------------------|--------------|----------------------------|------------|------------------|------------|
| Created: | J. Tótik | Approved (Techn): | F. Záborszky | Approved (Quality): | R. Montvai | Released: | T. Trupp |
| | 24.04.2018 | | 17.05.2018 | | 14.05.2018 | | 22.05.2018 |

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