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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 | Magnetec P/N: | M-556 | Magnetec A/N: | 12434 |
| Client's P/N: | / | PS Index: | 02 | PS Revision: | 03 |
| Subject: | EMC Wandler | | | Type: | |

| 1. Mechanical Outline | |
|--|--|
| Nominal core dimensions: 20 x 12,5 x 8 Finished product dimensions: OD ≤ 22,5 ID ≥ 10,3 H ≤ 10 [dimensions] = mm | |

| 2. Core data (nominal values) | | | |
|-------------------------------|------------------|----------------------------|------------------------------|
| Core material: | NANOPERM® | $L_{Fe} = 4,97 \text{ cm}$ | $A_{Fe} = 0,23 \text{ cm}^2$ |
| Permeability level: | ~30 000 | @ frequency 10 kHz | @ H peak 2,82 mA/cm |

| 3. Inspection values | | | | |
|----------------------|----------------|--------------------|-----------|----------------------|
| | Measured value | Measurement limits | Frequency | leff x N [mA x turn] |
| | AL [μH] | 12,6 - 25,3 | 10 kHz | 10 |
| | AL [μH] | 6,3 - NA | 100 kHz | 10 |

| 4. Core finishing | |
|-------------------|--|
| Type: | Cased |
| Marking: | MAGNETEC M-556-02 YM (YM = Year/Month), acc. to IEC 60062 6.1.1 |
| Packaging: | 75 pcs. per layer; 7 layers per carton box ; PU = 525 pcs. |

| 5. Comments: | |
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| Index / Revision | Alteration | Date |
|------------------|--------------------------------------|------------|
| 01 / 01 | Product Specification | 18.03.2008 |
| 01 / 02 | 100kHz lower limit defined | 25.11.2014 |
| 02 / 03 | Finished product dimension corrected | 08.09.2017 |

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|-----------------|------------|--------------------------|--------------|----------------------------|------------|------------------|------------|
| Created: | M. Pádár | Approved (Techn): | F. Záborszky | Approved (Quality): | G. Zsák | Released: | P. Seiz |
| | 08.09.2017 | | 29.09.2017 | | 29.09.2017 | | 06.10.2017 |