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| FORM F 108 Revision: 05 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-382 | Magnetec A/N: | 12350 |
| Client's P/N: | / | PS Index: | 01 | PS Revision: | 06 |
| Subject: | EMC Wandler | | | | |

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| 1. Mechanical Outline | |
| Nominal equivalent round core: 40 x 25 x 15 Finished product dimensions: OD \leq 43,5 ID \geq 22,5 H \leq 18,5 [dimensions] = mm | |

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|--------------------------------------|------------------|------------------------------|-------------------------------|
| 2. Core data (nominal values) | | | |
| Core material: | NANOPERM® | $L_{Fe} = 9,89 \text{ cm}$ | $A_{Fe} = 0,87 \text{ cm}^2$ |
| Permeability level: | $\sim 30\ 000$ | @ frequency 10 kHz | @ H peak 2,82 mA/cm |

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| 3. Inspection values (at room temperature, unless otherwise stated) | | | |
| Measured value | Measurement limits | Frequency | leff x N [mA x turn] |
| AL [μH] | 21,9 - 43,8 | 10 kHz | 20 |
| AL [μH] | 13.7 - NA | 100 kHz | 20 |

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|--------------------------|--|
| 4. Core finishing | |
| Type: | Cased |
| Marking: | MAGNETEC M-382-01 YM (YM = Year/Month), acc. to IEC 60062 6.1.1 |
| Packaging: | 24 pcs. per layer; 4 layers per carton box; PU = 96 pcs. |

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

| Index / Revision | Alteration | Date |
|------------------|--------------------------------|------------|
| 01S / 01 | Sample | 21.12.2005 |
| 01 / 01 | Product specification | 02.02.2006 |
| 01 / 02 | New format | 23.03.2007 |
| 01 / 03 | PU = 96 pcs.; OD \leq 43,5mm | 05.09.2007 |
| 01 / 04 | 100kHz lower limit defined | 14.11.2014 |
| 01 / 06 | 100 kHz lower limit increased | 16.10.2018 |

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| Created: | Z. Palánki 16.10.2018 | Approved (Techn): | F. Záborszky 03.01.2019 | Approved (Quality): | R. Montvai 25.10.2018 | Released: | P. Seiz 08.01.2019 |
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