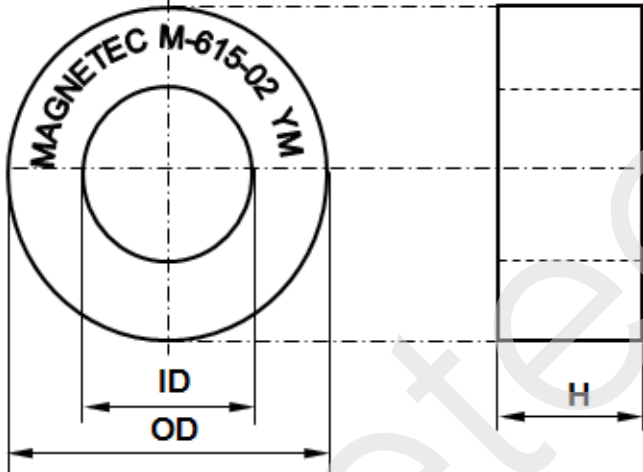


| | | | |
|--|---|--------------------|----------------------|
|  | Product specification for inductive components | Form: Revision: | MF04.05 (F108) 02 |
|--|---|--------------------|----------------------|

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|----------------------|----------------------|--------------------------|--------------|---------------------|-----------|
| Client: | MAGNETEC GmbH | Magnetec P/N: | M-615 | | |
| Client's P/N: | / | PS Index: | 02 | PS Revision: | 01 |
| Subject: | EMC Wandler | | | | |

| 1. Mechanical Outline | |
|---|--|
| Nominal equivalent round core: 130 x 100 x 30 Finished product dimensions: OD ≤ 135 ID ≥ 94 H ≤ 34 [dimensions] = mm |  |

| 2. Core data (nominal values) | | | |
|-------------------------------|------------------|------------------------------|------------------------------|
| Core material: | NANOPERM® | $L_{Fe} = 35,92 \text{ cm}$ | $A_{Fe} = 3,33 \text{ cm}^2$ |
| Permeability level: | 60 000 | @ frequency 10 kHz | @ H peak 3,1 mA/cm |

| 3. Inspection values (at room temperature, unless otherwise stated) | | | |
|---|--------------------|----------------|----------------------------------|
| Measured value | Measurement limits | Frequency | I _{eff} x N [mA x turn] |
| AL [μH] | 48,0 - 95,8 | 10 kHz | 80 |
| AL [μH] | 16,3 - NA | 100 kHz | 80 |

| 4. Core finishing | |
|-------------------|---|
| Type: | Cased |
| Marking: | MAGNETEC M-615-02 YM (YM = Year/Month), acc. to IEC 62 5.1 |
| Packaging: | 2 pcs. per layer; 3 layers per carton box; PU = 6 pcs. |

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

| Index / Revision | Alteration | Date |
|------------------|---|------------|
| 01S/01 | sample with $\mu_r > 45k @ 10kHz$ | 07.07.2011 |
| 02 / 01 | First issue with $\mu_r \sim 60k @ 10kHz$ | 12.12.2013 |

| | | | | | | | |
|-----------------|--------------------------|--------------------------|------------------------------|----------------------------|-------------------------|------------------|------------------------|
| Created: | Z. Palánki 12.12.2013 | Approved (Techn): | F. Zámboreszky 24.01.2014 | Approved (Quality): | J. Gulyás 24.01.2014 | Released: | T. Trupp 24.01.2014 |
|-----------------|--------------------------|--------------------------|------------------------------|----------------------------|-------------------------|------------------|------------------------|

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