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|---------------|-------------|---------------|-------|---------------|-------|
| Client: | MAGNETEC | Magnetec P/N: | M-042 | Magnetec A/N: | 12031 |
| Client's P/N: | - | PS Index: | 03 | PS Revision: | 03 |
| Subject: | EMC Wandler | | | Type: | E |

1. Mechanical Outline

Nominal core dimensions:

20 x 12,5 x 8

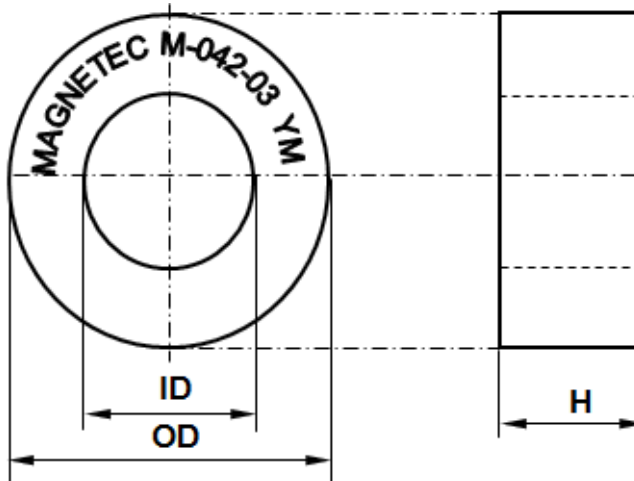
Finished product dimensions:

OD ≤ 21,5

ID ≥ 10,5

H ≤ 10,1

[dimensions] = mm



2. Core data (nominal values)

| | | | |
|---------------------|-----------|----------------------------|-------------------------------|
| Core material: | NANOPERM® | $L_{Fe} = 5,01 \text{ cm}$ | $A_{Fe} = 0,233 \text{ cm}^2$ |
| Permeability level: | 30.000 | @ frequency 10 kHz | @ H peak 3,0 mA/cm |

3. Inspection values

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

4. Core finishing

| | |
|------------|---|
| Type: | Epoxy coated |
| Marking: | MAGNETEC M-042-03 YM (YM = Year/Month), acc. to IEC 60062 6.1.1 |
| Packaging: | 75 pcs. per layer; 8 layers per carton box ; PU = 600 pcs. |

5. Comments :



| Index / Revision | Alteration | Date |
|------------------|---|------------|
| 01 / - | Sample | 03.02.2000 |
| 02 / 00 | Preliminary Specification; AL = 9 - 25 μH @ 10 kHz | 12.10.2000 |
| 03 / 01 | Product Specification; AL = 12,6 - 25,3 μH @ 10 kHz | 15.04.2003 |
| 03 / 02 | LN form; PU = 600 pcs. | 23.07.2012 |
| 03 / 03 | Define 100kHz lower limit | 05.09.2014 |

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|----------|------------|-------------------|--------------|---------------------|------------|-----------|------------|
| Created: | Z. Palánki | Approved (Techn): | F. Záborszky | Approved (Quality): | J. Gulyás | Released: | T. Trupp |
| | 05.09.2014 | | 09.10.2014 | | 09.10.2014 | | 09.10.2014 |