



Product specification for inductive components

Form: MF04.05 (F108)
Revision: 01

| | | | | | |
|----------------------|-------------------|----------------------|--------------|----------------------|--------------|
| Client: | MAGNETEC | Magnetec P/N: | M-909 | Magnetec A/N: | 12711 |
| Client's P/N: | - | PS Index: | 02 | PS Revision: | 03 |
| Subject: | CT Wandler | | | | |

1. Mechanical Outline

Nominal equivalent round core:

13,1 x 9,9 x 6

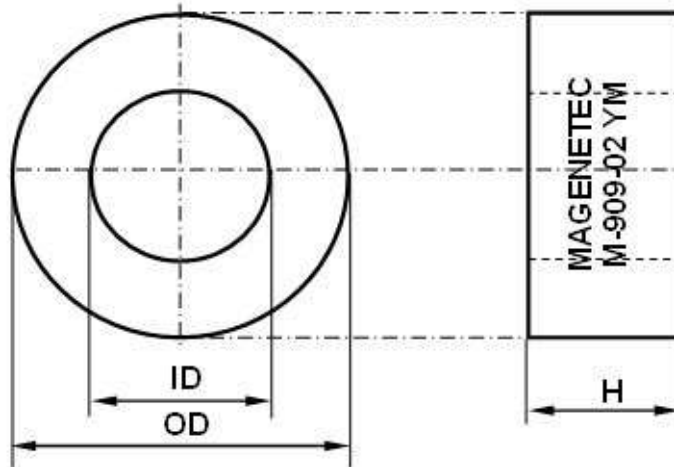
Finished product dimensions:

OD ≤ **14,1**

ID ≥ **8,9**

H ≤ **7,0**

[dimensions] = mm



2. Core data (nominal values)

| | | | |
|---------------------|-------------------|------------------------------|-------------------------------|
| Core material: | NANOPERM® | $L_{Fe} = 3,54 \text{ cm}$ | $A_{Fe} = 0,067 \text{ cm}^2$ |
| Permeability level: | ca. 120000 | @ frequency 120 Hz | @ H peak 5,6 mA/cm |

3. Inspection values (at room temperature, unless otherwise stated)

| Measured value | Measurement limits | Frequency | leff x N [mA x turn] |
|----------------|--------------------|---------------|----------------------|
| AL [μH] | 26 - 46 | 120 Hz | 20 |

4. Core finishing

| | |
|------------|--|
| Type: | Epoxy coated |
| Marking: | MAGNETEC M-909-02 YM (YM = Year/Month), acc. to IEC 60062 6.1.1 |
| Packaging: | 110 pcs. per layer; 10 layers per carton box; PU = 1100 pcs. |

5. Comments

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

| Index / Revision | Alteration | Date |
|------------------|---|------------|
| 01 / 01 | First issue | 15.01.2015 |
| 02 / 02 | AL value increased, measurement frequency changed | 14.04.2016 |
| 02 / 03 | PU increased | 13.10.2020 |

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|-----------------|--------------------------|--------------------------|------------------------------|----------------------------|-----------------------|------------------|-----------------------|
| Created: | Z. Palánki 13.10.2020 | Approved (Techn): | F. Zámboreszky 03.11.2020 | Approved (Quality): | G. Zsák 14.10.2020 | Released: | D. Tóth 09.11.2020 |
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