

FORM F 108  
Revision: 05  
Page: 1/1

Product specification  
for inductive components

MAGNETEC GmbH  
Industriestrasse 7  
D-63505 Langenselbold

|               |               |               |       |               |       |
|---------------|---------------|---------------|-------|---------------|-------|
| Client:       | MAGNETEC GmbH | Magnetec P/N: | M-152 | Magnetec A/N: | 12165 |
| Client's P/N: | /             | PS Index:     | 02    | PS Revision:  | 02    |
| Subject:      | EMC Wandler   |               |       |               |       |

1. Mechanical Outline

Nominal equivalent round core:

100 x 80 x 30

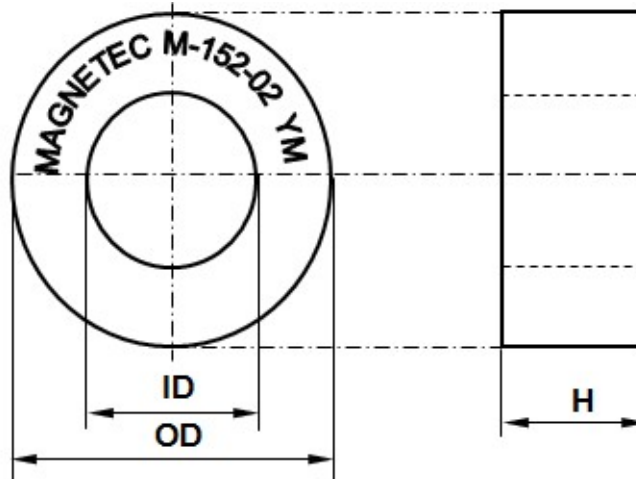
Finished product dimensions:

OD  $\leq$  104,0

ID  $\geq$  75,0

H  $\leq$  33,0

[dimensions] = mm



2. Core data (nominal values)

|                     |           |                             |                              |
|---------------------|-----------|-----------------------------|------------------------------|
| Core material:      | NANOPERM® | $L_{Fe} = 27,76 \text{ cm}$ | $A_{Fe} = 2,24 \text{ cm}^2$ |
| Permeability level: | 80.000    | @ frequency<br>10 kHz       | @ H peak<br>3,0 mA/cm        |

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

| Measured value | Measurement limits | Frequency | leff x N [mA x turn] |
|----------------|--------------------|-----------|----------------------|
| AL [ $\mu$ H]  | 55 - 110           | 10 kHz    | 60                   |
| AL [ $\mu$ H]  | 14,8 - NA          | 100 kHz   | 60                   |

4. Core finishing

|            |   |
|------------|---|
| Type:      | Epoxy coated  |
| Marking:   | MAGNETEC M-152-02 YM (YM = Year/Month), acc. to IEC 60062 6.1.1 |
| Packaging: | 4 pcs. per layer; 3 layers per carton box; PU = 12 pcs.         |

5. Comments

Visit [http://www.magnetec.de/fileadmin/pdf/pb\\_ds.pdf](http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf) for further information.

| Index / Revision | Alteration   | Date       |
|------------------|--|------------|
| 01 / 00          | Product spezification  | 18.12.2001 |
| 02 / 01          | New format; PU = 12 pcs.   | 05.05.2008 |
| 02 / 02          | Nominal permeability and 10kHz upper limit given, 100kHz lower limit defined | 20.10.2014 |

|          |            |                   |              |                     |            |           |            |
|----------|------------|-------------------|--------------|---------------------|------------|-----------|------------|
| Created: | Z. Palánki | Approved (Techn): | F. Záborszky | Approved (Quality): | J. Gulyás  | Released: | T. Trupp   |
|          | 20.10.2014 |                   | 11.11.2014   |                     | 11.11.2014 |           | 11.11.2014 |

Disclosing the specification to third parties or using its content without written permission from MAGNETEC is strictly forbidden and every offender is liable to pay the corresponding damages