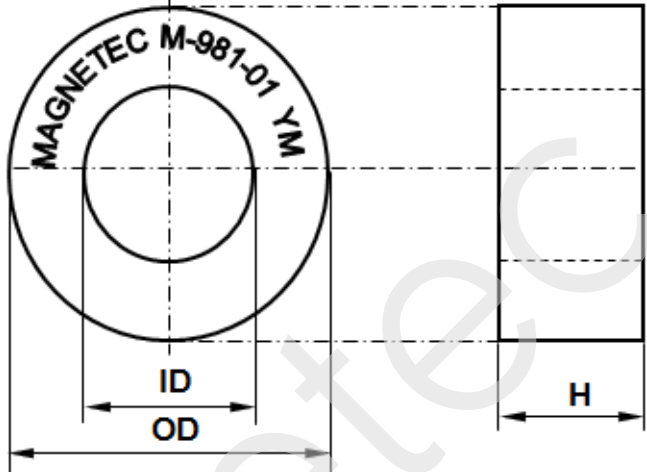


| | | | |
|----------------------------------------------------------------------------------|-----------------------------------------------------------|--------------------|----------------------|
|  | Product specification for inductive components | Form: Revision: | MF04.05 (F108) 02 |
|------------------------------------------------------------------------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

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|----------------------|----------------------|--------------------------|--------------|---------------------|-----------|
| Client: | MAGNETEC GmbH | Magnetec P/N: | M-981 | | |
| Client's P/N: | / | PS Index: | 01 | PS Revision: | 01 |
| Subject: | EMC Wandler | | | | |

| 1. Mechanical Outline | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| Nominal equivalent round core: 40 x 32 x 15 Finished product dimensions: OD ≤ 43,1 ID ≥ 28,8 H ≤ 17,4 [dimensions] = mm |  |

| 2. Core data (nominal values) | | | |
|-------------------------------|------------------|------------------------------|-------------------------------|
| Core material: | NANOPERM® | $L_{Fe} = 11,26 \text{ cm}$ | $A_{Fe} = 0,47 \text{ cm}^2$ |
| Permeability level: | 90 000 | @ frequency 10 kHz | @ H peak 3,14 mA/cm |

| 3. Inspection values (at room temperature, unless otherwise stated) | | | |
|---------------------------------------------------------------------|--------------------|----------------|--------------------------------|
| Measured value | Measurement limits | Frequency | $I_{eff} \times N$ [mA x turn] |
| AL [μH] | 33,0 - 66,0 | 10 kHz | 25 |
| AL [μH] | 8,4 - NA | 100 kHz | 25 |

| 4. Core finishing | |
|-------------------|------------------------------------------------------------------------|
| Type: | Cased |
| Marking: | MAGNETEC M-981-01 YM (YM = Year/Month), acc. to IEC 60062 6.1.1 |
| Packaging: | 24 pcs. per layer; 5 layers per carton box; PU = 120 pcs. |

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

| Index / Revision | Alteration | Date |
|------------------|-------------|------------|
| 01 / 01 | First issue | 03.10.2014 |

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|-----------------|--------------------------|------------------------------|----------------------------|--------------------------------|-------------------------|------------------|------------------------|
| Created: | Z. Polánki 03.10.2014 | Approved (Techn): | F. Zámbořský 21.10.2014 | Approved (Quality): | J. Gulyás 21.10.2014 | Released: | T. Trupp 21.10.2014 |
|-----------------|--------------------------|------------------------------|----------------------------|--------------------------------|-------------------------|------------------|------------------------|

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