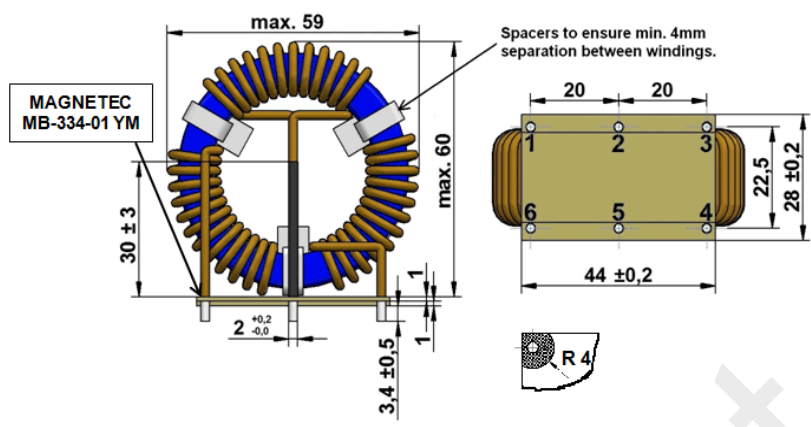
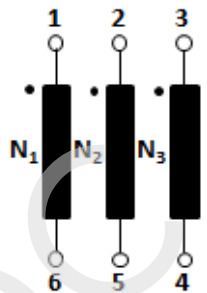


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| | | | |
|---------------|---------------|---------------|--------|
| Client: | MAGNETEC | Magnetec P/N: | MB-334 |
| Client's p/n: | | PS Index: | 01 |
| | | PS Revision: | 04 |
| Subject: | EMC Component | | |

| 1. Mechanical outline | Wiring diagram |
|--|---|
|  <p>Tolerances: +/- 0,3mm The pins # 1, 3, 4, 6 are fixed by soldering (pretinned copper pad diameter 8mm), the pins # 2, 5 by glue.</p> |  |

| 2. Nominal values | | | |
|----------------------|---|-----------------------------|-----------------|
| Core material: | NANOPERM® | High voltage strength: | Up,eff = 2,5 kV |
| Nominal voltage: | 480 Veff AC | Ambient temperature: | -40 ... +60 °C |
| Nominal inductance: | 3 x 1,7 mH | Max. operating temperature: | °C |
| Nominal current: | 3 x 20 A | Storage temperature: | -40 ... +85 °C |
| Leakage inductances: | ca. 15 µH | Design standard: | EN 60938-1 |
| No. of turns: | N1 = N2 = N3 = 13 | Wire diameter: | 2,0 mm |
| Comments: | Max. allowed choke surface temperature : +120°C | | |

| 3. Inspection values (at room temperature, unless otherwise stated) | | | |
|---|------------------|--------------------------|------------------|
| Measured value | Measuring limits | Measuring configurations | |
| Inductivity L1; L2; L3 [mH] | 1,1 - 2,7 | f = 10 kHz | Ueff = 100 mV AC |
| Wire resistance Rcu1; Rcu2; Rcu3 [mOhms] | NA - 4,3 | RT = 25°C | IDC = 10A |
| HV strength between N1; N2; N3 / Iiso<1mA | OK - NOK | Up,eff = 2,5 kV | t = 2 s |
| Mechanical dimensions [mm] | OK - NOK | | |

| 4. Others | |
|------------|--|
| Marking: | MAGNETEC MB-334-01 YM (YM = Year/Month), acc. to IEC 60062 6.1.1 |
| Packaging: | 6 pcs. per layer, 4 layers per carton box; PU = 24 pcs. |
| Comments: | Visit http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf for further information. |

| Index / Rev. | Alteration | Date |
|--------------|---------------------------------|------------|
| 01 / 01 | Product Specification | 30.11.2011 |
| 01 / 02 | Leakage inductance modified | 05.10.2012 |
| 01 / 03 | Assembly and dimension change | 21.02.2013 |
| 01 / 04 | Change to paper based packaging | 06.10.2016 |

| | | | | | | | |
|----------|------------|-------------------|----------------|---------------------|------------|-----------|------------|
| Created: | Z. Palánki | Approved (Techn): | F. Zámboreszky | Approved (Quality): | L. Ferencz | Released: | T. Trupp |
| | 06.10.2016 | | 10.10.2016 | | 10.10.2016 | | 10.10.2016 |

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