

## Product specification for inductive components

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| Client:       | MAGNETEC    | Magnetec<br>P/N: | M-618 |              |    |
|---------------|-------------|------------------|-------|--------------|----|
| Client's P/N: | /           | PS Index:        | 03    | PS Revision: | 01 |
| Subject:      | EMC Wandler |                  |       |              |    |

| 1. Mechanical Outline     Nominal equivalent round core:     300 x 250 x 30     Finished product dimensions:     OD ≤ 305     ID ≥ 246,5     H ≤ 35     [dimensions] = mm     ID = 2046,5     H ≤ 35     [dimensions] = mm     ID = 2046,5     ID = 2046,5     H ≤ 35     [dimensions] = mm     ID = 0D     ID = 0D     ID = 0D     ID = 2046,5     H ≤ 35     [dimensions] = mm     ID = 0D     ID  | •  |              |  |       |  |  |  |  |  |
|--|--|--------------|--|-------|--|--|--|--|--|
| core:<br>300 x 250 x 30<br>Finished product dimensions:<br>D > 246,5<br>H ≤ 35<br>[dimensions] = mm<br>2. Core data (nominal values)<br>Core material:<br>Permeability level:<br>0 000<br>0 kHz<br>3. Inspection values (at room temperature. unless otherwise stated)<br>Macasured value<br>Macasured value<br>Macasured value<br>40 000<br>10 kHz<br>3. Inspection values (at room temperature. unless otherwise stated)<br>Macasured value<br>Macasured value<br>4. Core finishing<br>Type:<br>NANOPERM®<br>4. Core finishing<br>Type:<br>Cased<br>MacMETEC M-618-03 YM (YM = Year/Month), acc. to IEC 60062 6.1.1<br>Packaging:<br>5. Comments<br>MacMETEC M-618-03 YM (YM = Year/Month), acc. to IEC 60062 6.1.1<br>Packaging:<br>5. Comments<br>5. Comments<br>MacMetTec M-618-03 YM (YM = Year/Month), acc. to IEC 60062 6.1.1<br>Packaging:<br>5. Comments<br>MacMetTec M-618-03 YM (YM = Year/Month), acc. to IEC 60062 6.1.1<br>Packaging:<br>5. Comments<br>5. Comments<br>MacMetTec M-618-03 YM (YM = Year/Month), acc. to IEC 60062 6.1.1<br>Packaging:<br>5. Comments<br>5. Comments<br>MacMetTec M-618-03 YM (YM = Year/Month), acc. to IEC 60062 6.1.1<br>Packaging:<br>5. Comments<br>5. Com | 1. Mechanical Outline  |              |  |       |  |  |  |  |  |
| Image: Cased Marking: Percentarian processor of the processor of   | Nominal equivalent round<br>core:<br><b>300 x 250 x 30</b><br>Finished product dimensions:<br>$OD \le 305$<br>$ID \ge 246,5$<br>$H \le 35$           | W KING TROWN |  |       |  |  |  |  |  |
| 60 000   10 kHz   3 mA/cm     3. Inspection values (at room temperature, unless otherwise stated)   Measured value   Measurement limits   Frequency   left x N [mA x turn]     AL [µH]   28,6 - 57   10 kHz   185     AL [µH]   28,6 - 57   10 kHz   185     4. Core finishing   7,9 - NA   100 kHz   185     4. Core finishing:   MAGNETEC M-618-03 YM (YM = Year/Month), acc. to IEC 60062 6.1.1   185     9 ackaging:   1 pcs. per layer; 2 layers per carton box; PU = 2 pcs.   5. Comments     Visit http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf     06 / 01   First issue   25.03.2015     Created:   Z. Palánki     Approved   F. Zámborszky   Approved   J. Gulyás   Released:   T. Trupp   | OD     Image: Core data (nominal values)       Core material:     NANOPERM®     L <sub>Fe</sub> = 86,4 cm     A <sub>Fe</sub> = 4,67 cm <sup>2</sup> |              |  |       |  |  |  |  |  |
| Measured value   Measurement limits   Frequency   leff x N [mA x turn]     AL [µH]   28,6 - 57   10 kHz   185     AL [µH]   9,9 - NA   100 kHz   185     4. Core finishing   7ype:   Cased   100 kHz   185     Marking:   MAGNETEC M-618-03 YM (YM = Year/Month), acc. to IEC 60062 6.1.1   Packaging:   1 pcs. per layer; 2 layers per carton box; PU = 2 pcs.   5. Comments     Visit   http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf   for further information.   Date     06 / 01   First issue   25.03.2015   25.03.2015     Created:   Z. Palánki   Approved   F. Zámborszky   Approved   J. Gulyás   Released:   T. Trupp  |  |              |  |       |  |  |  |  |  |
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| AL [µH]9,9 - NA100 kHz1854. Core finishingType:CasedImage: CasedImage: CasedImage: CasedMarking:MAGNETEC M-618-03 YM (YM = Year/Month), acc. to IEC 60062 6.1.1Image: PU = 2 pcs.Image: PU = 2 pcs.5. CommentsImage: PU = 2 pcs.Image: PU = 2 pcs.Image: PU = 2 pcs.Visit http://www.magnetec.de/fileadmin/pdf/pb ds.pdffor further information.Index / RevisionAlterationDate06 / 01First issue25.03.2015Image: PC provedJ. GulyásReleased: T. TruppCreated:Z. PalánkiApprovedF. ZámborszkyApprovedJ. GulyásReleased: T. Trupp  |  |              |  | · · · |  |  |  |  |  |
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