

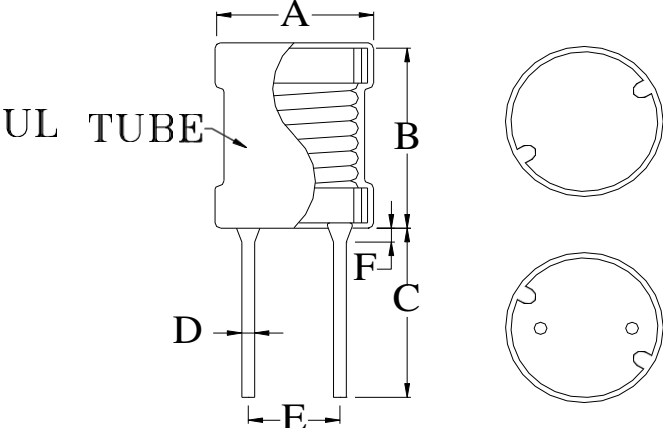


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# SPECIFICATION FOR APPROVAL

|           |               |       |          |               |
|-----------|---------------|-------|----------|---------------|
| COMMODITY | PK CHOKE      |       | SPEC NO. | SP- 090702004 |
| ITEM      | COIL1016-0.01 | Green | D        | QRRD-01-02    |

| (1) DIMENSION: (UNIT: mm)                                                         |  |   | DIM. | TOL. |
|-----------------------------------------------------------------------------------|--|---|------|------|
|  |  | A | 11.5 | MAX. |
|                                                                                   |  | B | 17.5 | MAX. |
|                                                                                   |  | C | 16.0 | ±3.0 |
|                                                                                   |  | D | 0.8  | ±0.1 |
|                                                                                   |  | E | 6.0  | ±0.5 |
|                                                                                   |  | F | 3.0  | MAX. |
|                                                                                   |  | G |      |      |
|                                                                                   |  | H |      |      |
|                                                                                   |  | I |      |      |
|                                                                                   |  | J |      |      |

| (2) ELECTRICAL CHARACTERISTIC |             |     | TEST INSTRUMENTS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------|-------------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| INDUCTANCE                    | 10 ± 10%    | μH  | <input checked="" type="checkbox"/> AGILENT 4294A Precision Impedance Analyzer.<br><input type="checkbox"/> AGILENT 4285A Precision L.C.R. Meter.<br><input type="checkbox"/> HP-4286A RF L.C.R. Meter.<br><input checked="" type="checkbox"/> ZENTECH 3302 Automatic Components Analyzer.<br><input type="checkbox"/> ZENTECH 101 L.C.R. Meter.<br><input type="checkbox"/> WAYNE KERR 6420 Precision Impedance Analyzer.<br><input checked="" type="checkbox"/> ZENTECH 1320 BIAS CURRENT.<br><input checked="" type="checkbox"/> ZENTECH 502AC Resistance Meter.<br><input type="checkbox"/> ADEX AX-1155B DC Low Ohm Meter. |
| TEST FREQUENCY                | 1           | kHz |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| TEST VOLT                     | 0.25        | V   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| RDC                           | 14.88 (max) | mΩ  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Isat                          | 5.20 (max)  | A   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Irms                          | 8.50 (max)  | A   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                               |             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

## REMARK :

1. Inductance drop = 10% typ at Isat.
2. ΔT = 40°C rise typ at Irms.

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|                   |        |                                  |             |          |              |
|-------------------|--------|----------------------------------|-------------|----------|--------------|
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| ITEM              |        | COIL1016-0.01                    | Green       | D        | QRRD-01-02   |
| (3) Material List |        |                                  |             |          |              |
| NO                | ITEM   | MATERIAL                         | NOTE        |          |              |
| 1                 | CORE   | DR2W 10*16 Or other's equivalent |             |          |              |
| 2                 | WIRE   | UEW Or other's equivalent        | 130°C CLASS |          |              |
| 3                 | SOLDER | 100H Or other's equivalent       |             |          |              |
| 4                 | TUBE   | Heat Shrinkable tube             |             |          |              |
|                   |        |                                  |             |          |              |
|                   |        |                                  |             |          |              |
|                   |        |                                  |             |          |              |
|                   |        |                                  |             |          |              |
|                   |        |                                  |             |          |              |