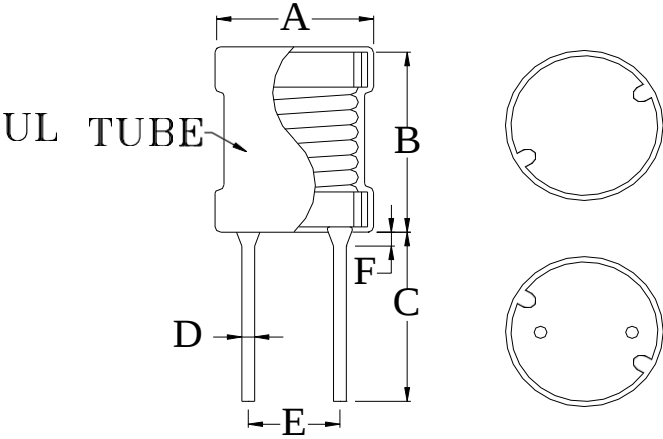


# SPECIFICATION FOR APPROVAL

|           |               |       |          |               |
|-----------|---------------|-------|----------|---------------|
| COMMODITY | PK CHOKE      |       | SPEC NO. | SP-0141209001 |
| ITEM      | COIL0507-0.01 | Green | B        | QRRD-01-02    |

| (1) DIMENSION: (UNIT: mm)                                                         |  |   | DIM. | TOL. |
|-----------------------------------------------------------------------------------|--|---|------|------|
|  |  | A | 6.5  | MAX. |
|                                                                                   |  | B | 8.5  | MAX. |
|                                                                                   |  | C | 16.0 | ±3.0 |
|                                                                                   |  | D | 0.65 | ±0.1 |
|                                                                                   |  | E | 2.5  | ±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                           | 72.43 (max) | mΩ  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Isat                          | 1.5 (max)   | A   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Irms                          | 1.5 (max)   | A   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                               |             |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

## REMARK :

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

## SPECIFICATION FOR APPROVAL

|                   |        |                                                 |       |          |               |
|-------------------|--------|-------------------------------------------------|-------|----------|---------------|
| COMMODITY         |        | PK CHOKE                                        |       | SPEC NO. | SP-0141209001 |
| ITEM              |        | COIL0507-0.01                                   | Green | B        | QRRD-01-02    |
| (3) Material List |        |                                                 |       |          |               |
| NO                | ITEM   | MATERIAL                                        | NOTE  |          |               |
| 1                 | CORE   | C5N DR2W 5*7(SW) (B2.5 F3.5 P2.5) or equivalent |       |          |               |
| 2                 | WIRE   | 2UEW 130°C CLASS 0.3/21Ts                       |       |          |               |
| 3                 | SOLDER | Sn 99.3 % / Cu 0.7%                             |       |          |               |
| 4                 | TUBE   | UL 5*8.5                                        |       |          |               |
|                   |        |                                                 |       |          |               |
|                   |        |                                                 |       |          |               |
|                   |        |                                                 |       |          |               |
|                   |        |                                                 |       |          |               |
|                   |        |                                                 |       |          |               |