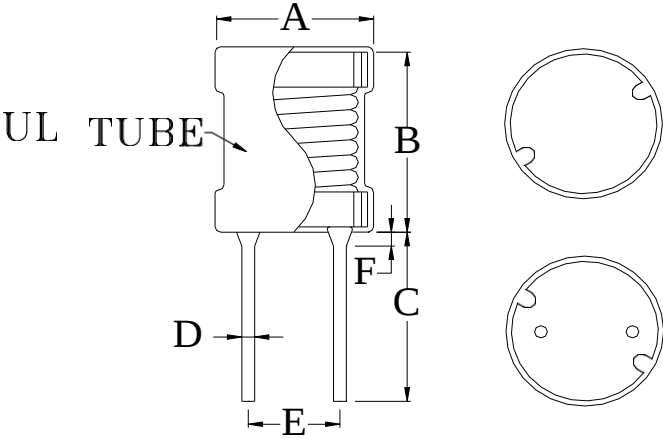


# SPECIFICATION FOR APPROVAL

|           |                |       |          |               |
|-----------|----------------|-------|----------|---------------|
| COMMODITY | PK CHOKE       |       | SPEC NO. | SP-0190710004 |
| ITEM      | COIL0812-0.012 | Green | A        | QR-012-02     |

| (1) DIMENSION: (UNIT: mm)                                                         |  |   | DIM. | TOL. |
|-----------------------------------------------------------------------------------|--|---|------|------|
|  |  | A | 9.5  | MAX. |
|                                                                                   |  | B | 13.5 | MAX. |
|                                                                                   |  | C | 16.0 | ±3.0 |
|                                                                                   |  | D | 0.65 | ±0.1 |
|                                                                                   |  | E | 5.0  | ±0.5 |
|                                                                                   |  | F | 3.0  | MAX. |
|                                                                                   |  | G |      |      |
|                                                                                   |  | H |      |      |
|                                                                                   |  | I |      |      |
|                                                                                   |  | J |      |      |

| (2) ELECTRICAL CHARACTERISTIC |            |     | TEST INSTRUMENTS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------|------------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| INDUCTANCE                    | 12± 10%    | μ H | <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                           | 25.0 (max) | mΩ  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Isat                          | 5 (max)    | A   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Irms                          | 7 (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-0190710004 |
| ITEM              |        | COIL0812-0.012                  | Green       | A        | QR-012-02     |
| (3) Material List |        |                                 |             |          |               |
| NO                | ITEM   | MATERIAL                        | NOTE        |          |               |
| 1                 | CORE   | DR2W 8*12 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            |             |          |               |
|                   |        |                                 |             |          |               |
|                   |        |                                 |             |          |               |
|                   |        |                                 |             |          |               |
|                   |        |                                 |             |          |               |
|                   |        |                                 |             |          |               |