

# SPECIFICATION FOR APPROVAL

|           |               |       |          |              |
|-----------|---------------|-------|----------|--------------|
| COMMODITY | PK CHOKE      |       | SPEC NO. | SP-060825043 |
| ITEM      | COIL0807-0.22 | Green | D        | QRRD-01-02   |

| (1) DIMENSION: (UNIT: mm) |   | DIM. | TOL. |
|---------------------------|---|------|------|
|                           | A | 9.5  | MAX. |
|                           | B | 8.5  | 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                    | 220± 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. |
| TEST FREQUENCY                | 1           | kHz | <input type="checkbox"/> ZENITECH 3302 Automatic Components Analyzer.<br><input type="checkbox"/> ZENITECH 101 L.C.R. Meter.  |
| TEST VOLT                     | 0.25        | V   | <input type="checkbox"/> WAYNE KERR 6420 Precision Impedance Analyzer.<br><input checked="" type="checkbox"/> ZENITECH 1320 BIAS CURRENT.   |
| RDC                           | 770.0 (max) | mΩ  | <input checked="" type="checkbox"/> ZENITECH 502AC Resistance Meter.<br><input type="checkbox"/> ADEX AX-1155B DC Low Ohm Meter.  |
| IDC                           | 0.5 (max)   | A   |   |
|                               |             |     |   |
|                               |             |     |   |

**REMARK :**

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

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| <b>(3) Material List</b> |               |                                |             |              |
| NO                       | ITEM          | MATERIAL                       | NOTE        |              |
| 1                        | CORE          | DR2W 8*7 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           |             |              |
|                          |               |                                |             |              |
|                          |               |                                |             |              |
|                          |               |                                |             |              |
|                          |               |                                |             |              |
|                          |               |                                |             |              |