

SPECIFICATION FOR APPROVAL

| | | |
|-----------|---|-----------------|
| COMMODITY | SMD POWER COIL | SCHMID-M |
| ITEM | STP 0705-472K-R17-A Green | |

| (1) DIMENSION: (UNIT: mm) | | DIM. | TOL. |
|---------------------------|---|------|------|
| | A | 7.8 | ±0.3 |
| | B | 7.0 | ±0.3 |
| | C | 5.0 | ±0.5 |
| | D | 3.0 | REF. |
| | E | 2.0 | REF. |
| | F | 7.5 | REF. |
| | G | . | REF. |

| (2) ELECTRICAL CHARACTERISTIC | | | TEST INSTRUMENTS. |
|-------------------------------|-------------|-----|---|
| INDUCTANCE | 4.7 ± 10% | mH | <input checked="" type="checkbox"/> AGILENT 4294A Precision Impedance Analyzer. <input type="checkbox"/> AGILENT 4285A Precision L.C.R. Meter. <input type="checkbox"/> HP-4286A RF L.C.R. Meter. <input checked="" type="checkbox"/> ZENTECH 3302 Automatic Components Analyzer. <input type="checkbox"/> ZENTECH 101 L.C.R. Meter. <input type="checkbox"/> WAYNE KERR 6420 Precision Impedance Analyzer. <input checked="" type="checkbox"/> ZENTECH 1320 BIAS CURRENT. <input checked="" type="checkbox"/> ZENTECH 502AC Resistance Meter. <input type="checkbox"/> ADEX AX-1155B DC Low Ohm Meter. |
| TEST FREQUENCY | 1 | KHz | |
| TEST VOLT | 0.25 | V | |
| RDC | 15.56 (max) | Ω | |
| Isat | 0.14 (max) | A | |
| Irms | 0.17 (max) | A | |
| | | | |

REMARK :

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

| | | | |
|-----------------------|----------|---------|-------|
| PURCHASER CONFIRMED : | APPROVED | CHECKED | DRAWN |
| | | | |