

SPECIFICATION FOR APPROVAL

| | | | |
|-----------|--|----------|-----------------|
| COMMODITY | SMD POWER COIL | SPEC NO. | SP-080828001 |
| ITEM | JPRH 1205-100M-5R0-A Green | 版本：D | 表單編號：QRRD-01-02 |

| (1) DIMENSION: (UNIT: mm) | | DIM. | TOL. |
|---------------------------|---|------|------|
| | A | 12.5 | MAX. |
| | B | 12.5 | MAX. |
| | C | 6.0 | MAX. |
| | D | 2.8 | REF. |
| | E | 7.0 | REF. |
| | F | 5.4 | REF. |
| | G | | |
| | H | | |
| | I | | |
| | J | | |




| (2) ELECTRICAL CHARACTERISTIC | TEST INSTRUMENTS. |
|-------------------------------|---|
| INDUCTANCE | 10 ± 20% μH |
| TEST FREQUENCY | 1 KHz |
| TEST VOLT | 0.25 V |
| RDC | 25 (max) mΩ |
| Isat | 5.5 (max) A |
| Irms | 5.0 (max) A |
| | <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. |

REMARK :

1. Inductance drop = 25% typ at Isat.
2. ΔT = 40°C rise typ at Irms.

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

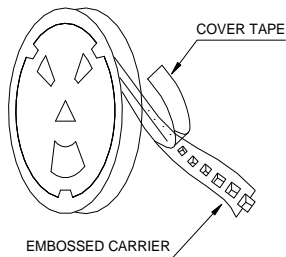
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| (3) Material List | | | | |
| NO | ITEM | MATERIAL | NOTE | |
| 1 | CORE | DR 9.9*5.2 & RI 12.1*5.1*10.65 Or other's equivalent | | |
| 2 | BASE | C1100 | | |
| 3 | WIRE | SFBW Or other's equivalent | 155°C CLASS | |
| 4 | SOLDER | 100H Or other's equivalent | | |
| 5 | EPOXY | 6020H-6-9(NH) / S-9001A-6B Or other's equivalent | | |
| 6 | INK | SMD-48A Or other's equivalent | Black | |
| 7 | TAPE | MYLAR TAPE | Yellow | |
| | | | | |
| REMARK : | | | | |
| PURCHASER CONFIRMED : | | APPROVED | CHECKED | DRAWN |
| | |  |  |  |

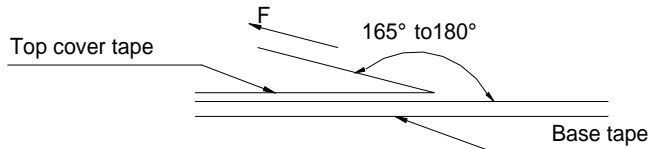


Packaging Information

• Tearing Off Force



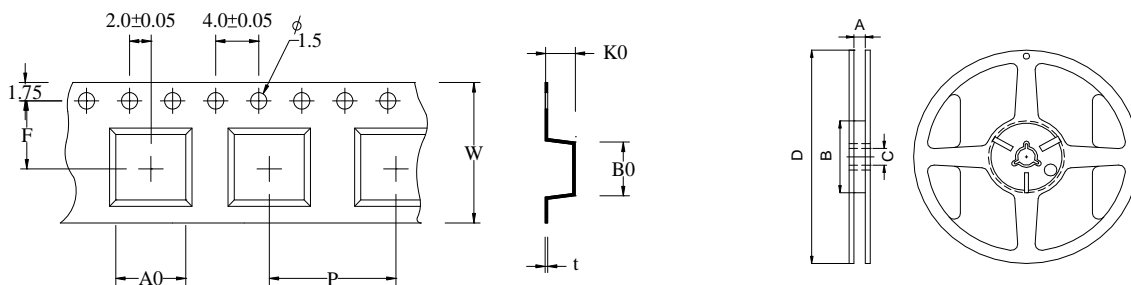
★The force for tearing off cover tape is 10 to 120 grams in the arrow direction under the following conditions.



• DIMENSIONS & RECOMMENDED PATTERN

| TYPE | DIMENSIONS / SIZE (mm) | | | PATTERN / SIZE (mm) | | |
|-----------|------------------------|------------|-----------|---------------------|-----|-----|
| | A | B | C | D | E | F |
| JPRH 1205 | 12.0 ± 0.3 | 12.0 ± 0.3 | 6.00 Max. | 2.8 | 7.0 | 5.4 |

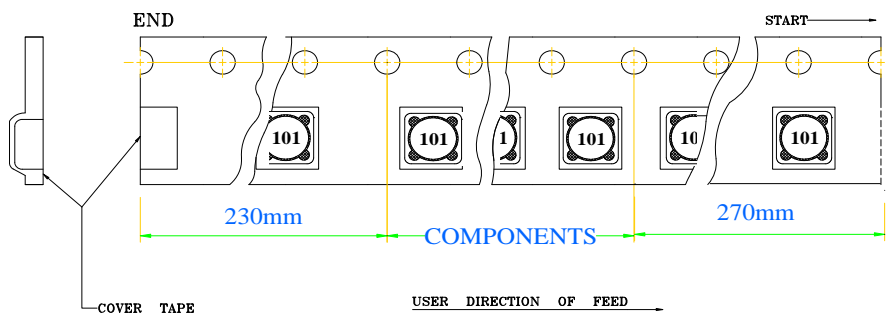
• TAPE DIMENSION & REEL DIMENSION



REEL DIMENSION

| TYPE | TAPE / SIZE (mm) | | | | | | | REEL 13"×24mm | | | |
|------|------------------|------------|-----------|------------|------------|----------|------------|---------------|-----------|------------|-----------|
| | Ao | Bo | Ko | P | F | W | t | A | B | C | D |
| 1205 | 12.7 ± 0.1 | 12.7 ± 0.1 | 6.7 ± 0.1 | 16.0 ± 0.1 | 11.5 ± 0.1 | 24 ± 0.3 | 0.4 ± 0.05 | 24.5 ± 0.2 | 100 ± 0.5 | 13.2 ± 0.3 | 330 ± 1.0 |

• PACKAGING QUANTITY



| Type | JPRH 1205 |
|-----------|-----------|
| Q'TY/Reel | 500 |