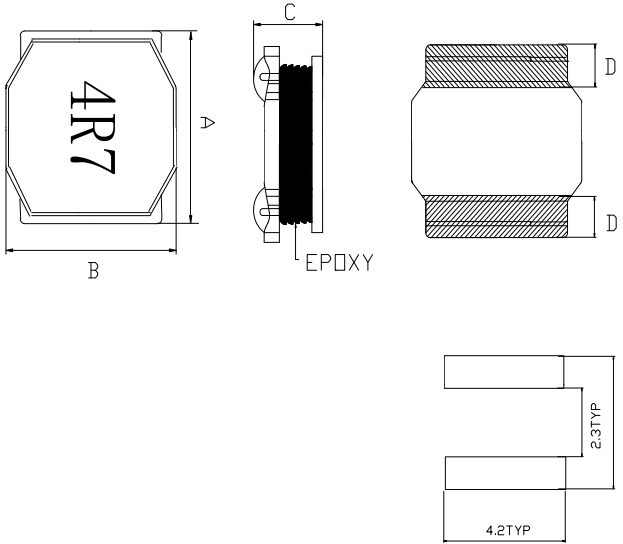


SPECIFICATION FOR APPROVAL

| | | | |
|----------|---------------------|-------------|--------------|
| CUSTOMER | | CUST P/N. | |
| ITEM | SMD Power Inductors | Description | UT5040N-4R7M |
| PART NO. | 305-70524 | DATE | 2018.01.02 |

| | | | |
|--|--|----------|------------|
| (1) DIMENSION(UNIT:mm)  | | A | 5.0±0.2 mm |
| | | B | 5.0±0.2 mm |
| | | C | 3.8±0.4 mm |
| | | D | 1.5 REF mm |
| | | E | mm |
| | | | mm |
| | | | mm |
| | | | mm |
| | | | mm |
| | | | mm |

| (2) ELECTRICAL REQUIREMENTS | | | |
|-----------------------------|--|-----------|-----------------------------------|
| TEST CONDITION | TEST VALUE | FREQUENCY | (3) TEST INSTRUMENTS |
| | | VOLTAGE | LCR-METER: |
| L | 4.7μH±20% | 100KHz 1V | HP-4291A V WK3260B |
| DCR | 45.0mΩ±30% | KHz V | DC RESISTANCE METER: V WK3260B |
| Isat | 4.2A Based on inductance change(ΔL/L0: ≤30%) | 100KHz 1V | CURRENT SOURCE: V TH2816B+1320 |
| Irms | 2.7A MAX(温升为40°C MAX) | 100KHz 1V | CURRENT SOURCE: V TH2816B+1320 |

(4) TURN:Ts(REF)

| (5) MATERIAL LIST | | |
|-------------------|----------|--------------------------------|
| ITEM | MATERIAL | DESCRIPTION |
| 1 | CORE | N251H SDR 5.0-3.8-2.5-2.05S-P3 |
| 2 | WIRE | G1-HØ0.26mm* 11.5Ts |
| 3 | INK | BLACK |
| 4 | SOLDER | PF629-B |
| 5 | EPOXY | DA-1001BK |

| | | | |
|----------------|-----------------|----------------|-----------------|
| REMARK: | APPROVED | CHECKED | DRAWN BY |
| | 姜杰文 | 姜法寶 | 王艷 |

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