

产品承认书

SPECIFICATION FOR APPROVED

版本: REV.A0

| | |
|---------------|----------------------------|
| 客户 | 8826 |
| Customer | |
| 客户料号 | 744 772 222 2E |
| Customer P/N | |
| 品名 | RADIAL TYPE CHOKE INDUCTOR |
| Description | |
| 产品型号 | CKPP0810-2.2mH/J-U5 |
| CENKER P/N | |
| 图纸编号 | SP-CK112-GXA01401 |
| Drawing No. | |
| 产品编号 | |
| Product code. | |

| 出图 DRAWING | | |
|-------------------|------------------|-------------------|
| 制表 Prepared By | 审核 Checked By | 批准 Approved By |
| 覃玉云 | 张华萍 | 梁贵传 |
| DATE: 2017-7-26 | | |

| 承认 CUSTOMER APPROVAL | |
|-------------------------|--|
| DATE: | |



深圳市岑科实业有限公司

SHENZHEN CENKER ENTERPRISE LTD.

地址:深圳市龙华区清泉路金博龙工业园C栋

Address: Building No.C Jinbolong Industrial
Estate, Qingquan Road, Longhua District, Shenzhen
P.R.China

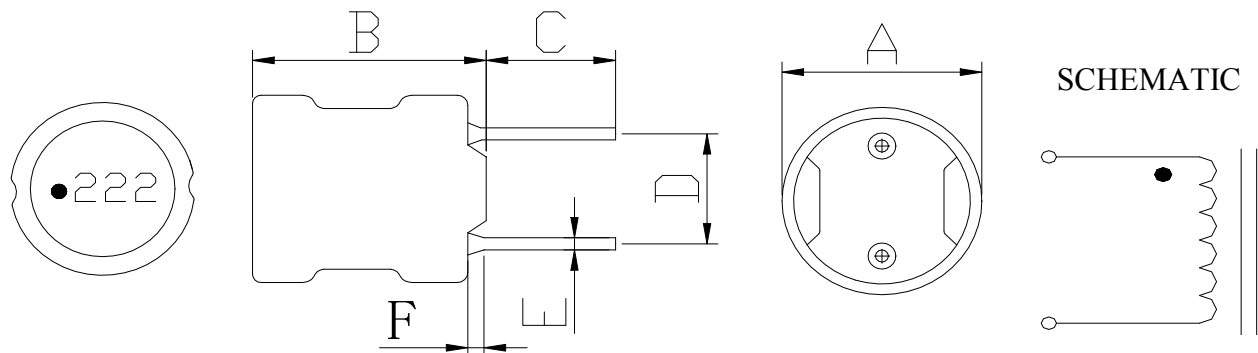
TEL: 0755-89808755 FAX: 0755-27525256

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RoHS COMPLIANT

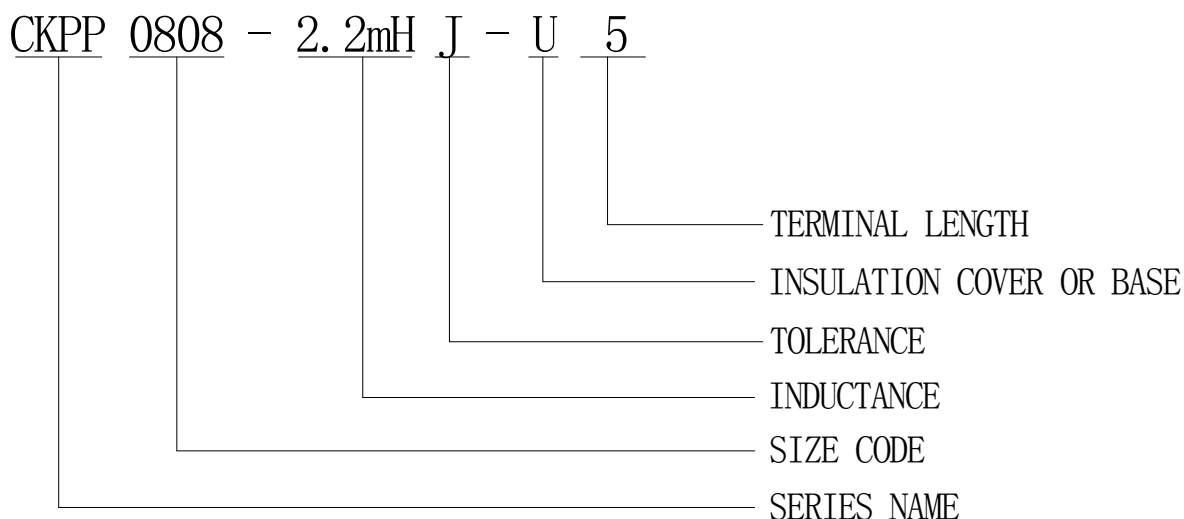
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1、 DIMENSION (mm):



NOTE: ● Start of winding, Casing sets of flat top of the magnetic core ;

| A | B | C | D | E | F |
|---------|---------|---------|---------|----------|--------|
| 8.5±0.5 | 9.5±0.5 | 5.0±0.5 | 5.0±0.5 | 0.65 Ref | 3.0Max |



2、 TEMPERATURE RATING:

Operating Temperature : -40°C ~ +125°C ; Storage Temperature : -20°C ~ +40°C



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3、ELECTRICAL REQUIREMENTS:

| ITEM | SPEC. | TOLERANCE | TEST FREQUENCY | TEST EQUIPMENT |
|------------|-------|--------------|----------------|--------------------|
| INDUCTANCE | 2.2mH | ±5% | 10KHz/0.25V | HP-4284A |
| DCR | 4.7Ω | Max. | at 25℃ | Keysight 34420A |
| Isat | 0.3A | L0A×90% Ref. | 10KHz/0.25V | HP-4284A+HP-42841A |
| Irms | 0.3A | △T≤40℃ | 10KHz/0.25V | HP-4284A+HP-42841A |

4、MATERIAL LIST:

| No. | Material | Specification | Supplier | UL. |
|-----|----------|--|--|---------|
| 1 | Core | DRT 7.8×9.5 or equivalent | SUNRISE FERRITE CORES ELECTRONIC CO.,LTD. | |
| 2 | Wire | Ø0.17mm×269.5Ts. Ref. (2UEW-F) or equivalent | SHANTOU SHENGANG ELECTRICAL INDUSTRIAL CO., LTD. | E239508 |
| 3 | Solder | Sn99.3-Cu0.7 or equivalent | HuiZhou Chang Sheng METAL PRODUCTS CO.,LTD | |
| 4 | Tube | JL Φ8×9.5mm(BLACK) RSFR-H or equivalent | SHENZHEN WOER HEAT-SHRINKABLE MATERIAL CO.,LTD | E203950 |
| | | UL Φ8×9.5mm(BLACK) X-2 or equivalent | SHENZHEN XINGQI PLASTIC PRODUCE CO.,LTD | E350991 |
| 5 | Epoxy | J-600 or equivalent | SHENZHEN CENKER ENTERPRISE LTD. | |
| 6 | Pin | CP Φ0.64×17.5mm or equivalent | JIANGXI BAICHUAN ELECTRIC CONDUCTOR CO.,LTD | |



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PREPARED

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张华萍

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RoHS COMPLIANT

| | | | | | |
|--------------|----------------------------|---------------------|-------|------|-----------|
| CUSTOMER | 8826 | LOT No. | | | |
| CUSTOMER No. | 744 772 222 2E | QUANTITY | 10PCS | DATE | 2017-7-26 |
| DRAWING No. | SP-CK112-GXA01401 | DIMENSION(UNIT: mm) | | | |
| CENKER P/N | CKPP0810-2.2mH/J-U5 | | | | |
| DESCRIPTION | RADIAL TYPE CHOKE INDUCTOR | | | | |
| TEST FREQ | 10KHz/0.25V | | | | |
| TEMPERATURE | 20 °C | | | | |

5.TESTING DATA:

| ELECTRONICAL TEST DATA | | | | OREALL DIMENSTON (UNIT: mm) | | | | | | | | | |
|------------------------|--------------|------------------|--------------|-----------------------------|---------|---------|---------|----------|--------|--|--|--|--|
| | L | IDC 0.3A | DCR | A | B | C | D | E | F | | | | |
| SPEC | 2.2mH ±5% | L0A×90 % Ref. | 4.7Ω Max. | 8.5±0.5 | 9.5±0.5 | 5.0±0.5 | 5.0±0.5 | 0.65 Ref | 3.0Max | | | | |
| 1 | 2.190 | 2.041 | 3.52 | 8.56 | 9.62 | 5.06 | 5.06 | 0.63 | 1.26 | | | | |
| 2 | 2.200 | 2.057 | 3.54 | 8.52 | 9.62 | 5.16 | 5.12 | 0.63 | 1.24 | | | | |
| 3 | 2.190 | 2.041 | 3.58 | 8.54 | 9.54 | 5.05 | 5.06 | 0.62 | 1.30 | | | | |
| 4 | 2.200 | 2.057 | 3.54 | 8.56 | 9.58 | 5.06 | 4.95 | 0.64 | 1.40 | | | | |
| 5 | 2.195 | 2.046 | 3.58 | 8.56 | 9.56 | 5.04 | 5.06 | 0.64 | 1.46 | | | | |
| 6 | 2.198 | 2.055 | 3.54 | 8.55 | 9.58 | 4.95 | 4.98 | 0.62 | 1.43 | | | | |
| 7 | 2.198 | 2.062 | 3.56 | 8.54 | 9.54 | 4.98 | 4.95 | 0.63 | 1.50 | | | | |
| 8 | 2.205 | 2.062 | 3.58 | 8.56 | 9.58 | 5.04 | 4.94 | 0.62 | 1.26 | | | | |
| 9 | 2.195 | 2.046 | 3.59 | 8.54 | 9.63 | 5.26 | 4.95 | 0.64 | 1.35 | | | | |
| 10 | 2.200 | 2.050 | 3.54 | 8.56 | 9.55 | 5.10 | 4.98 | 0.63 | 1.26 | | | | |
| \bar{X} | 2.197 | 2.052 | 3.56 | 8.55 | 9.58 | 5.07 | 5.01 | 0.63 | 1.35 | | | | |
| R | 0.015 | 0.021 | 0.07 | 0.04 | 0.09 | 0.31 | 0.18 | 0.02 | 0.26 | | | | |

TEST EQUIPMENT:

ALL JUDGE

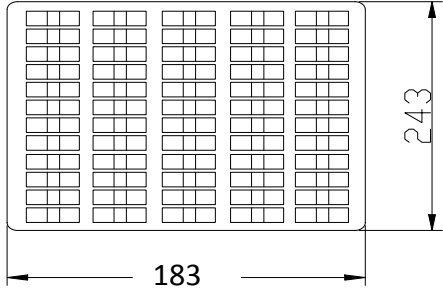
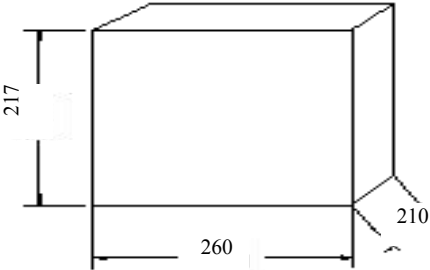
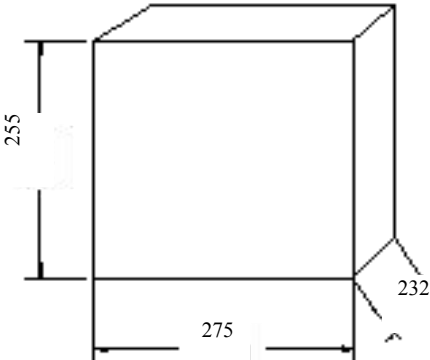
OK NG

L CH-1062A HP-4284A
 Q HM2801A HM9481 CJ2851
 DCR Keysight 34420A
 SRF HM9460
 IDC CD1068+CD1320 HP-4284A+HP-42841A

| | | | |
|--|----------|---------|----------|
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6、PACKING(mm):

| | |
|--|--|
| <p>1. Plastic Box : 243*183*9.5mm(140Pcs/Box) 2.Top Cover: 244*184mm</p> |  |
| <p>4. Inner Carton: 260*210*217mm, (Each Inner Carton containing 20Boxes , Quantity 2800pcs)</p> |  |
| <p>4. Master Carton:275*232*255mm (Each containing 1 Inner Carton,Quantity 2800pcs)</p> |  |



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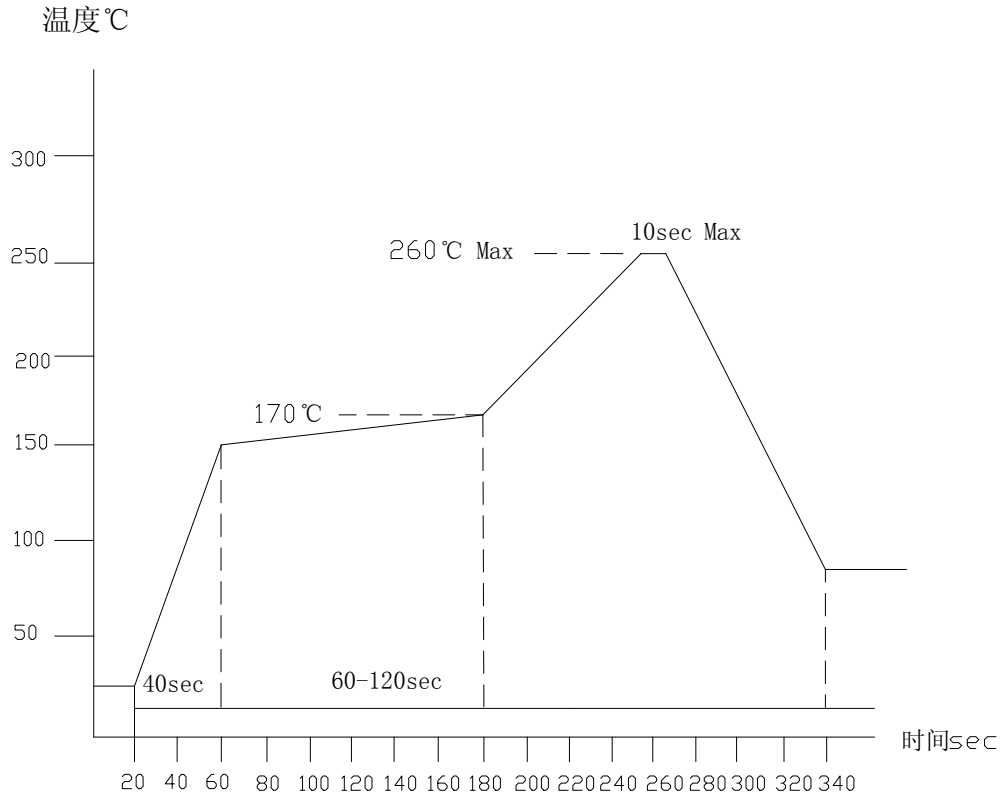
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7.Radial Type Inductor's Reliability Testing Items

| GENERAL CHARACTERISTICS | | | | PAGE: 5/6 | |
|---|-----------------------------------|--|--|--|----|
| STANDARD TESTING CONDITIONS: | | | | | |
| UNLESS OTHERWISE SPECIFIED, THE STANDARD RANGE OF ATMOSPHERIC CONDITIONS FOR MEASUREMENTS AND TESTS ARE AS FOLLOWS: AMBIENT TEMPERATURE: 15°C ~ 35°C. RELATIVE HUMIDITY: 25% ~ 85%. AIR PRESSURE: 86kPa ~ 106kPa. | | | | | |
| NO. | Items | Test Methods | Requirements | Quantity | |
| 1 | High temperature storage test | Temperature : 105°C ± 2°C Duration Time: 96 ± 4 Hours | No significant abnormality in appearance. Deviation relative to initial value: L: Within ± 5% | 10 | |
| 2 | Low temperature storage test | Temperature : -25°C ± 2°C Duration Time: 96 ± 4 Hours | | 10 | |
| 3 | Humidity test | Temperature : 40°C ± 2°C Humidity : 90% ~ 95%RH Duration Time : 96 ± 4 Hours | | 10 | |
| 4 | Thermal shock test | First -25 ± 5°C for 30 ± 3 minutes, last 85 ± 5°C 30 ± 3 minutes as 1 cycles. Go through 10 cycles. | | 10 | |
| 5 | Resistance to soldering heat test | Fix the samples on a 1.6mm thickness PCB, then dip the sample leads into a soldering bath of 260 ± 5°C up to the PCB for 5 ± 1 seconds. | | 10 | |
| 6 | Temperature cycling test | Temperature: -10 ± 3°C for 30 minutes; Temperature: 25°C for 10 minutes; Temperature: 70 ± 3°C for 30 minutes; Temperature: 25°C for 10 minutes; Total: 5 cycles. | | 10 | |
| 7 | Vibration test | The frequency range from 10 to 55 Hz and return to 10 Hz (amplitude of 1.5 mm) shall be traversed in approximately 1 minute. This motion shall be applied of 2 hours in each 3 mutually perpendicular directions (total of 6 hours). | | 10 | |
| 8 | Lead terminal strength | A static pulling force of 5N in a direction parallel to the lead terminals for 30 ± 5 seconds. | | No terminal breakage or loosening. | 10 |
| 9 | Solder ability test | Immerse the terminal in flux for 5 seconds. Then dip the terminal into a soldering bath of 245 ± 5°C for 2.5 ± 0.5 seconds. | | At least 75% of terminal electrode is covered by new solder. | 10 |

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8.Flow (wave) soldering curve



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[HCF1305-3R3-R](#) [1206CS-151XG](#) [RCH664NP-4R7M](#) [RCP1317NP-391L](#) [DH2280-4R7M](#) [DS1608C-106](#) [B10TJ](#) [B82498B3101J000](#) [ELJ-](#)
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[HCR15JTRF](#) [NIN-HCR33JTRF](#) [NIN-HDR22JTRF](#) [NIN-HDR82JTRF](#) [NIN-HK2N7STRF](#) [NIN-PA150KTR370F](#) [NIN-PB100KTR550F](#)