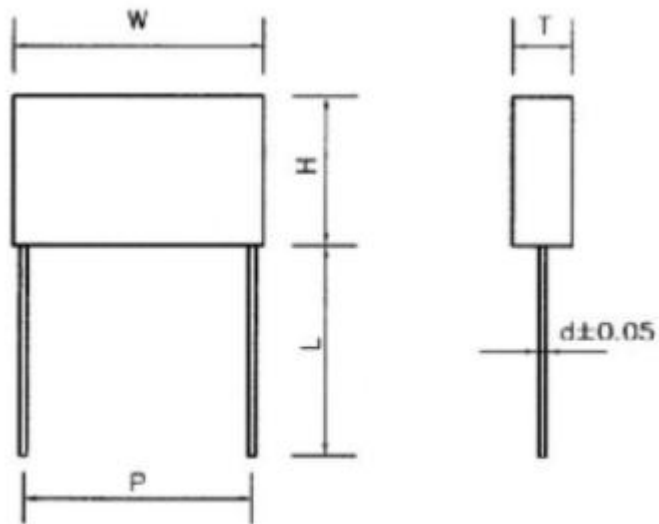


1.规格尺寸

Specification & Dimensions



| 品名规格 Specification | 外形尺寸（单位：mm）Dimensions and Drawings | | | | | | 备注 |
|-----------------------|------------------------------------|-------|-------|-----|--------|--------|----|
| | W±0.5 | H±0.5 | T±0.5 | P±1 | Lmin±1 | d±0.05 | |
| 334K/310VAC | 18 | 14.5 | 8.5 | 15 | 20 | 0.8 | |
| 104K/310VAC | 13 | 12 | 6 | 10 | 20 | 0.6 | |
| | | | | | | | |
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1 类别 2 容量 3 误差 4 电压 5 盒子 6 脚型 7 脚距 8 脚长

2.料号说明:

例: 334K/310V D4 料号: JX334K2FD4XXS1520

2-1 类别 tape

| 代号 Code | JD | JY | JX | JR | J1 | J2 | J3 |
|------------|----------------|----------------|----------------|------|-----------------|---------------|-------------|
| 内容 | AC 安规陶 瓷 Y1 | AC 安规陶 瓷 Y2 | AC 安规薄 膜 X2 | 压敏电阻 | 温度补偿 型 I III | 高介电常 数型 II | 半导体型 III |

2-2 容量 Capacitance (单位: PF)

| 代号 Code | 0R5 | 010 | 100 | 101 | 102 | 222 | 103 | 104 | 224 | 105 | 225 |
|------------|-------|-----|------|-------|--------|--------|---------|-------|-------|-----|-------|
| 内容 | 0.5PF | 1PF | 10PF | 100PF | 1000PF | 2200PF | 10000PF | 100NF | 220NF | 1UF | 2.2UF |

1000PF=1NF 1000NF=1UF

2-3 误差 Tolerance

| 代号 Code | D | J | K | L | M | N | P | Z |
|------------|------|-----|------|------|------|------|---------------|--------------|
| 内容 | 0.5P | ±5% | ±10% | ±15% | ±20% | ±30% | +100%- 20% | +20%- 80% |

2-4 电压 Rated Voltage

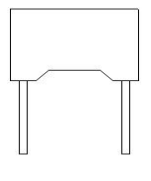
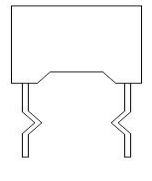
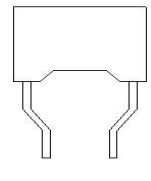
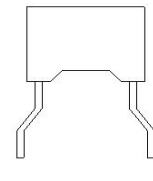
| 代号 Code | 2G | 2H | 2E | 2F | 2J | 3H | 3J | 3K | 4A |
|------------|--------|--------|------|------|------|-----|-----|-----|------|
| 电压 | 400VAC | 500VAC | 275V | 310V | 630V | 5KV | 6KV | 8KV | 10KV |

2-5 盒子尺寸代号 BOX TYPE

| | | | | |
|----------|---------------------|----------------------|----------------------|----------------------|
| Code | B3LT | C2 | C3 | C4 |
| Size(mm) | 10(W)×4(T)×9(H) | 12(W)×5(T)×11(H) | 13(W)×6(T)×12(H) | 13(W)×7(T)×13(H) |
| Code | D1 | D2 | D3 | D4 |
| Size(mm) | 18(W)×5(T)×11(H) | 18(W)×6(T)×12(H) | 18(W)×7.5(T)×13.5(H) | 18(W)×8.5(T)×14.5(H) |
| Code | B7LT | E2 | E3 | E4 |
| Size(mm) | 10(W)×5(T)×10(H) | 26.5(W)×7(T)×16.5(H) | 26.5(W)×8.5(T)×17(H) | 26.5(W)×10(T)×19(H) |
| Code | F1 | F2 | C5-1 | |
| Size(mm) | 31.4(W)×11(T)×20(H) | 31.5(W)×13(T)×22(H) | 13(W)×8(T)×14(H) | |

注：四码格式，不足的用 x 代替。

2-6 脚型 mm Lead forming

| Code | S | I | U | W | T | S |
|--------------|---|---|---|---|--------|--------------------------|
| Lead Forming |  |  |  |  | TAPING | Customer Special Require |



2-7 脚距 mm Lead Pitch

| | | | | | | |
|-----------|-------|------|------|--------|--------|------|
| Code | 08 | 10 | 15 | 23 | 28 | 31 |
| Pitch(mm) | 7.5mm | 10mm | 15mm | 22.5mm | 27.5mm | 31mm |




2-8 脚长 Lead length

| | | | | | | | |
|-------------|-----|-----|------|------|------|------|------|
| Code | 04 | 08 | 10 | 15 | 20 | 30 | 40 |
| Length (mm) | 4mm | 8mm | 10mm | 15mm | 20mm | 30mm | 40mm |

3.印字 Marking

| | | | |
|---|---|--|-----------------------------|
|  JEC | 商标和公司名称 Trademark or Company name |  | |
| 0.33UF | 静电容量 CAPACITANCE | | |
| K | 允许误差 CAPACITANCE TOLERANCE | | |
| 275v,310v | 额定电压 RATED VOLTAGE | | |
| X2 | 产品类别 BOX-TYPE METALLIZED POLYPROPYLENE FILM | | |
| 40/110/56/B | 气候类别 Climatic Category Working Lowest Temperature (- 40°C) Working highestTemperature(+110°C) Working Times (56days) | Class: B | 阻燃等级 Passive Flammabilit |
| | | IEC 60384-14 | 产品认证标准 Approval standard |

4.认证 Approvals

| 认证国家 Country | 认证标志 Approvals mark | 认证标准 Approval standard | 证书号码 Recognixed No. | 额定电压 Rated Voltage |
|------------------|---|------------------------------|------------------------|--|
| 中国安规认证 |  | IEC 60384-14 | CQC16001151103 | 275VAC |
| 美国安规认证 |  | UL 60384-14 | E356696 | 310VAC 305VAC 300VAC 275VAC 250VAC |
| 欧盟安规认证 德国安规认证 |  | IEC 60384-14 | 40044985 | |

5.Dimensions:

| CAPACITOR BODY SIZE (Unit:mm) | | | | | | | |
|-------------------------------|--------|----------|-----------|-----------|-----------|-----------|-------------------|
| CAP | RV | BOX TYPE | W ±0.5 | H ±0.5 | T ±0.5 | P ±0.5 | PART NO |
| 222K | 310VAC | C2-1 | 13.0 | 11.0 | 5.0 | 10 | JX222K2FC2X1S1020 |
| 332K | 310VAC | C2-1 | 13.0 | 11.0 | 5.0 | 10 | JX332K2FC2X1S1020 |
| 472K | 310VAC | C2-1 | 13.0 | 11.0 | 5.0 | 10 | JX472K2FC2X1S1020 |
| 562K | 310VAC | C2-1 | 13.0 | 11.0 | 5.0 | 10 | JX562K2FC2X1S1020 |
| 682K | 310VAC | C2-1 | 13.0 | 11.0 | 5.0 | 10 | JX682K2FC2X1S1020 |
| 103K | 310VAC | B3LT | 10.0 | 9.0 | 4.0 | 7.5 | JX103K2FB3LTS0820 |
| 103K | 310VAC | C2-1 | 13.0 | 11.0 | 5.0 | 10 | JX103K2FC2X1S1020 |
| 103K | 310VAC | D1 | 18.0 | 11.0 | 5.0 | 15 | JX103K2FD1XXS1520 |
| 123K | 310VAC | C2-1 | 13.0 | 11.0 | 5.0 | 10 | JX123K2FC2X1S1020 |
| 153K | 310VAC | C2-1 | 13.0 | 11.0 | 5.0 | 10 | JX153K2FC2X1S1020 |
| 223K | 310VAC | B3LT | 10.0 | 9.0 | 4.0 | 7.5 | JX223K2FB3LTS0820 |
| 223K | 310VAC | B5LT | 10.0 | 11.0 | 5.0 | 7.5 | JX223K2FB5LTS0820 |
| 223K | 310VAC | C2-1 | 13.0 | 11.0 | 5.0 | 10 | JX223K2FC2X1S1020 |
| 223K | 310VAC | D1 | 18.0 | 11.0 | 5.0 | 15 | JX223K2FD1XXS1520 |
| 333K | 310VAC | B3LT | 10.0 | 9.0 | 4.0 | 7.5 | JX333K2FB3LTS0820 |
| 333K | 310VAC | B5LT | 10.0 | 11.0 | 5.0 | 7.5 | JX333K2FB5LTS0820 |
| 333K | 310VAC | C2-1 | 13.0 | 11.0 | 5.0 | 10 | JX333K2FC2X1S1020 |
| 333K | 310VAC | D1 | 18.0 | 11.0 | 5.0 | 15 | JX333K2FD1XXS1520 |
| 473K | 310VAC | B3LT | 10.0 | 9.0 | 4.0 | 7.5 | JX473K2FB3LTS0820 |
| 473K | 310VAC | B5LT | 10.0 | 11.0 | 5.0 | 7.5 | JX473K2FB5LTS0820 |
| 473K | 310VAC | C2-1 | 13.0 | 11.0 | 5.0 | 10 | JX473K2FC2X1S1020 |
| 473K | 310VAC | C3 | 13.0 | 12.0 | 6.0 | 10 | JX473K2FC3XXS1020 |
| 473K | 310VAC | D1 | 18.0 | 11.0 | 5.0 | 15 | JX473K2FD1XXS1520 |
| 563K | 310VAC | C2-1 | 13.0 | 11.0 | 5.0 | 10 | JX563K2FC2X1S1020 |

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| CAP | RV | BOX TYPE | W ±0.5 | H ±0.5 | T ±0.5 | P ±0.5 | PART NO |
|------------|-----------|-----------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| 683K | 310VAC | B5LT | 10.0 | 11.0 | 5.0 | 7.5 | JX683K2FB5LTS0820 |
| 683K | 310VAC | C2-1 | 13.0 | 11.0 | 5.0 | 10 | JX683K2FC2X1S1020 |
| 683K | 310VAC | C3 | 13.0 | 12.0 | 6.0 | 10 | JX683K2FC3XXS1020 |
| 683K | 310VAC | D1 | 18.0 | 11.0 | 5.0 | 15 | JX683K2FD1XXS1520 |
| 823K | 310VAC | C2-1 | 13.0 | 11.0 | 5.0 | 10 | JX823K2FDC2X1S1020 |
| 823K | 310VAC | D1 | 18.0 | 11.0 | 5.0 | 15 | JX823K2FD1XXS1520 |
| 104K | 310VAC | B5LT | 10.0 | 11.0 | 5.0 | 7.5 | JX104K2FB5LTS0820 |
| 104K | 310VAC | C2-1 | 13.0 | 11.0 | 5.0 | 10 | JX104K2FC2X1S1020 |
| 104K | 310VAC | C3 | 13.0 | 12.0 | 6.0 | 10 | JX104K2FC3XXS1020 |
| 104K | 310VAC | D1 | 18.0 | 11.0 | 5.0 | 15 | JX104K2FD1XXS1520 |
| 104K | 310VAC | D2 | 18.0 | 12.0 | 6.0 | 15 | JX104K2FD2XXS1520 |
| 154K | 310VAC | C3 | 13.0 | 12.0 | 6.0 | 10 | JX154K2FC3XXS1020 |
| 154K | 310VAC | C4LT | 13.0 | 13.0 | 7.0 | 10 | JX154K2FC4LTS1020 |
| 154K | 310VAC | D1 | 18.0 | 11.0 | 5.0 | 15 | JX154K2FD1XXS1520 |
| 154K | 310VAC | D2 | 18.0 | 12.0 | 6.0 | 15 | JX154K2FD2XXS1520 |
| 224K | 310VAC | C3 | 13.0 | 12.0 | 6.0 | 10 | JX224K2FC3XXS1020 |
| 224K | 310VAC | C5LT | 13.0 | 15.0 | 8.0 | 10 | JX224K2FC5LTS1020 |
| 224K | 310VAC | D2 | 18.0 | 12.0 | 6.0 | 15 | JX224K2FD2XXS1520 |
| 224K | 310VAC | D2-7 | 18.0 | 13.0 | 6.3 | 15 | JX224K2FD2X7S1520 |
| 224K | 310VAC | D3 | 18.0 | 13.5 | 7.5 | 15 | JX224K2FD3XXS1520 |
| 224K | 310VAC | D4 | 18.0 | 14.5 | 8.5 | 15 | JX224K2FD4XXS1520 |
| 224K | 310VAC | E2 | 26.5 | 16.5 | 7.0 | 22.5 | JX224K2FE2XXS2320 |
| 274K | 310VAC | E2 | 26.5 | 16.5 | 7.0 | 22.5 | JX274K2FE2XXS2320 |
| 334K | 310VAC | C5LT | 13.0 | 15.0 | 8.0 | 10 | JX334K2FC5LTS1020 |
| 334K | 310VAC | C9 | 12.5 | 16.5 | 10.5 | 10 | JX334K2FC9XXS1020 |

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| CAP | RV | BOX TYPE | W ±0.5 | H ±0.5 | T ±0.5 | P ±0.5 | PART NO |
|------|--------|----------|-----------|-----------|-----------|-----------|-------------------|
| 334K | 310VAC | D2-7 | 18.0 | 13.0 | 6.3 | 15 | JX334K2FD2X7S1520 |
| 334K | 310VAC | D3 | 18.0 | 13.5 | 7.5 | 15 | JX334K2FD3XXS1520 |
| 334K | 310VAC | D4 | 18.0 | 14.5 | 8.5 | 15 | JX334K2FD4XXS1520 |
| 334K | 310VAC | D5 | 18.0 | 16.0 | 10.0 | 15 | JX334K2FD5XXS1520 |
| 334K | 310VAC | E2 | 26.5 | 16.5 | 7.0 | 22.5 | JX334K2FE2XXS2320 |
| 334K | 310VAC | E3 | 26.5 | 17.0 | 8.5 | 22.5 | JX334K2FE3XXS2320 |
| 394K | 310VAC | D4 | 18.0 | 14.5 | 8.5 | 15 | JX394K2FD4XXS1520 |
| 474K | 310VAC | C5 | 13.0 | 15.0 | 8.0 | 10.0 | JX474K2FC5XXS1020 |
| 474K | 310VAC | C9 | 12.5 | 16.5 | 10.5 | 10 | JX474K2FC9XXS1020 |
| 474K | 310VAC | D3 | 18.0 | 13.5 | 7.5 | 15 | JX474K2FD3XXS1520 |
| 474K | 310VAC | D4 | 18.0 | 14.5 | 8.5 | 15 | JX474K2FD4XXS1520 |
| 474K | 310VAC | D5 | 18.0 | 16.0 | 10.0 | 15 | JX474K2FD5XXS1520 |
| 474K | 310VAC | D7 | 18.0 | 19.0 | 11.0 | 15 | JX474K2FD7XXS1520 |
| 474K | 310VAC | E2 | 26.5 | 16.5 | 7.0 | 22.5 | JX474K2FE2XXS2320 |
| 474K | 310VAC | E3 | 26.5 | 17.0 | 8.5 | 22.5 | JX474K2FE3XXS2320 |
| 474K | 310VAC | E4 | 26.5 | 19.0 | 10.0 | 22.5 | JX474K2FE4XXS2320 |
| 564K | 310VAC | D5 | 18.0 | 16.0 | 10.0 | 15 | JX564K2FD5XXS1520 |
| 564K | 310VAC | D7 | 18.0 | 19.0 | 11.0 | 15 | JX564K2FD7XXS1520 |
| 564K | 310VAC | E3 | 26.5 | 17.0 | 8.5 | 22.5 | JX564K2FE3XXS2320 |
| 564K | 310VAC | E4 | 26.5 | 19.0 | 10.0 | 22.5 | JX564K2FE4XXS2320 |
| 684K | 310VAC | D4 | 18.0 | 14.5 | 8.5 | 15 | JX684K2FD4XXS1520 |
| 684K | 310VAC | D5 | 18.0 | 16.0 | 10.0 | 15 | JX684K2FD5XXS1520 |
| 684K | 310VAC | D7 | 18.0 | 19.0 | 11.0 | 15 | JX684K2FD7XXS1520 |
| 684K | 310VAC | E2 | 26.5 | 16.5 | 7.0 | 22.5 | JX684K2FE2XXS2320 |
| 684K | 310VAC | E3 | 26.5 | 17.0 | 8.5 | 22.5 | JX684K2FE3XXS2320 |
| 684K | 310VAC | E4 | 26.5 | 19.0 | 10.0 | 22.5 | JX684K2FE4XXS2320 |
| 684K | 310VAC | F1 | 31.4 | 19.5 | 10.8 | 27.5 | JX684K2FF1XXS2820 |
| 824K | 310VAC | D7 | 18.0 | 19.0 | 10.8 | 15 | JX824K2FD7XXS1520 |
| 824K | 310VAC | E4 | 26.5 | 19.0 | 10.0 | 22.5 | JX824K2FE4XXS2320 |
| 824K | 310VAC | E3 | 26.5 | 17.0 | 8.5 | 22.5 | JX824K2FE3XXS2320 |

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| CAP | RV | BOX TYPE | W ±0.5 | H ±0.5 | T ±0.5 | P ±0.5 | PART NO |
|------------|-----------|-----------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 105K | 310VAC | D7 | 18.0 | 19.0 | 10.8 | 15 | JX105K2FD7XXS1520 |
| 105K | 310VAC | D8 | 17.3 | 19.2 | 11.2 | 15 | JX105K2FD8XXS1520 |
| 105K | 310VAC | E3 | 26.5 | 17.0 | 8.5 | 22.5 | JX105K2FE3XXS2320 |
| 105K | 310VAC | E4 | 26.5 | 19.0 | 10.0 | 22.5 | JX105K2FE4XXS2320 |
| 105K | 310VAC | E6 | 26.0 | 21.5 | 12.0 | 22.5 | JX105K2FE6XXS2320 |
| 105K | 310VAC | F1 | 31.4 | 19.5 | 10.8 | 27.5 | JX105K2FF1XXS2820 |
| 105K | 310VAC | F2 | 31.5 | 21.6 | 13.0 | 27.5 | JX105K2FF2XXS2820 |
| 125K | 310VAC | E4 | 26.5 | 19.0 | 10.8 | 22.5 | JX125K2FE4XXS2320 |
| 125K | 310VAC | E6 | 26.0 | 21.5 | 12.0 | 22.5 | JX125K2FE6XXS2320 |
| 125K | 310VAC | F1 | 31.4 | 19.5 | 10.8 | 27.5 | JX125K2FF1XXS2820 |
| 125K | 310VAC | F2 | 31.5 | 21.6 | 13.0 | 27.5 | JX125K2FF2XXS2820 |
| 155K | 310VAC | E5 | 26.0 | 20.0 | 11.0 | 22.5 | JX155K2FE5XXS2320 |
| 155K | 310VAC | E6 | 26.0 | 21.5 | 12.0 | 22.5 | JX155K2FE6XXS2320 |
| 155K | 310VAC | F1 | 31.0 | 20.0 | 11.0 | 27.5 | JX155K2FF1XXS2820 |
| 155K | 310VAC | F2 | 31.5 | 21.6 | 13.0 | 27.5 | JX155K2FF2XXS2820 |
| 205K | 310VAC | E6 | 26.0 | 21.5 | 12.0 | 22.5 | JX205K2FE6XXS2320 |
| 225K | 310VAC | E7 | 26.5 | 23.0 | 13.0 | 22.5 | JX225K2FE7XXS2320 |
| 225K | 310VAC | F2 | 31.5 | 21.6 | 13.0 | 27.5 | JX225K2FF2XXS2820 |
| 225K | 310VAC | F13 | 32.0 | 28.0 | 18.0 | 27.5 | JX225K2FF13XS2820 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| CAPACITOR BODY SIZE (Unit:mm) | | | | | | | |
|-------------------------------|--------|----------|-----------|-----------|-----------|-----------|-------------------|
| CAP | RV | BOX TYPE | W ±0.5 | H ±0.5 | T ±0.5 | P ±0.5 | PART NO |
| 102K | 275VAC | C2-1 | 13.0 | 11.0 | 5.0 | 10 | JX102K2EC2X1S1020 |
| 103K | 275VAC | B3LT | 10.0 | 9.0 | 4.0 | 7.5 | JX103K2EB3LTS0820 |
| 103K | 275VAC | C2-1 | 13.0 | 11.0 | 5.0 | 10 | JX103K2EC2X1S1020 |
| 103K | 275VAC | D1 | 18.0 | 11.0 | 5.0 | 15 | JX103K2ED1XXS1520 |
| 223K | 275VAC | C2-1 | 13.0 | 11.0 | 5.0 | 10 | JX223K2EC2X1S1020 |
| 223K | 275VAC | D1 | 18.0 | 11.0 | 5.0 | 15 | JX223K2ED1XXS1520 |
| 333K | 275VAC | B5LT | 10.0 | 11.0 | 5.0 | 7.5 | JX333K2EB5LTS0820 |
| 333K | 275VAC | C2-1 | 13.0 | 11.0 | 5.0 | 10 | JX333K2EC2X1S1020 |
| 333K | 275VAC | D1 | 18.0 | 11.0 | 5.0 | 15 | JX333K2ED1XXS1520 |
| 473K | 275VAC | B5LT | 10.0 | 11.0 | 5.0 | 7.5 | JX473K2EB5LTS0820 |
| 473K | 275VAC | C2-1 | 13.0 | 11.0 | 5.0 | 10 | JX473K2EC2X1S1020 |
| 473K | 275VAC | C3 | 13.0 | 12.0 | 6.0 | 10 | JX473K2EC3XXS1020 |
| 473K | 275VAC | D1 | 18.0 | 11.0 | 5.0 | 15 | JX473K2ED1XXS1520 |
| 683K | 275VAC | C2-1 | 13.0 | 11.0 | 5.0 | 10 | JX683K2EC2X1S1020 |
| 683K | 275VAC | C3 | 13.0 | 12.0 | 6.0 | 10 | JX683K2EC3XXS1020 |
| 683K | 275VAC | D1 | 18.0 | 11.0 | 5.0 | 15 | JX683K2ED1XXS1520 |
| 104K | 275VAC | C2-1 | 13.0 | 11.0 | 5.0 | 10 | JX104K2EC2X1S1020 |
| 104K | 275VAC | C3 | 13.0 | 12.0 | 6.0 | 10 | JX104K2EC3XXS1020 |
| 104K | 275VAC | D2 | 18.0 | 12.0 | 6.0 | 15 | JX104K2ED2XXS1520 |
| 154K | 275VAC | C3 | 13.0 | 12.0 | 6.0 | 10 | JX154K2EC3XXS1020 |
| 154K | 275VAC | D2 | 18.0 | 12.0 | 6.0 | 15 | JX154K2ED2XXS1520 |
| 224K | 275VAC | C3 | 13.0 | 12.0 | 6.0 | 10 | JX224K2EC3XXS1020 |
| 224K | 275VAC | C5LT | 13.0 | 15.0 | 8.0 | 10 | JX224K2EC5LTS1020 |
| 224K | 275VAC | D2 | 18.0 | 12.0 | 6.0 | 15 | JX224K2ED2XXS1520 |
| 224K | 275VAC | D2-7 | 18.0 | 13.0 | 6.3 | 15 | JX224K2ED2X7S1520 |
| 224K | 275VAC | D3 | 18.0 | 13.5 | 7.5 | 15 | JX224K2ED3XXS1520 |
| 224K | 275VAC | D4 | 18.0 | 14.5 | 8.4 | 15 | JX224K2ED4XXS1520 |
| 224K | 275VAC | E2 | 26.5 | 16.5 | 7.0 | 22.5 | JX224K2EE2XXS2320 |
| 334K | 275VAC | C5-1 | 13.0 | 14.0 | 8.0 | 10 | JX334K2EC5X1S1020 |

| CAPACITOR BODY SIZE (Unit:mm) | | | | | | | |
|-------------------------------|--------|----------|-----------|-----------|-----------|-----------|-------------------|
| CAP | RV | BOX TYPE | W ±0.5 | H ±0.5 | T ±0.5 | P ±0.5 | PART NO |
| 334K | 275VAC | D2 | 18.0 | 12.0 | 6.0 | 15 | JX334K2ED2XXS1520 |
| 334K | 275VAC | D3 | 18.0 | 13.5 | 7.5 | 15 | JX334K2ED3XXS1520 |
| 334K | 275VAC | D4 | 18.0 | 14.5 | 8.4 | 15 | JX334K2ED4XXS1520 |
| 334K | 275VAC | D5 | 18.0 | 16.0 | 10.0 | 15 | JX334K2ED5XXS1520 |
| 334K | 275VAC | E3 | 26.5 | 17.0 | 8.5 | 22.5 | JX334K2EE3XXS2320 |
| 474K | 275VAC | D3 | 18.0 | 13.5 | 7.5 | 15 | JX474K2ED3XXS1520 |
| 474K | 275VAC | D4 | 18.0 | 14.5 | 8.4 | 15 | JX474K2ED4XXS1520 |
| 474K | 275VAC | D5 | 18.0 | 16.0 | 10.0 | 15 | JX474K2ED5XXS1520 |
| 474K | 275VAC | D7 | 18.0 | 19.0 | 10.8 | 15 | JX474K2ED7XXS1520 |
| 474K | 275VAC | E3 | 26.5 | 17.0 | 8.5 | 22.5 | JX474K2EE3XXS2320 |
| 474K | 275VAC | E4 | 26.5 | 19.0 | 10.0 | 22.5 | JX474K2EE4XXS2320 |
| 684K | 275VAC | D5 | 18.0 | 16.0 | 10.0 | 15 | JX684K2ED5XXS1520 |
| 684K | 275VAC | D7 | 18.0 | 19.0 | 10.8 | 15 | JX684K2ED7XXS1520 |
| 684K | 275VAC | E3 | 26.5 | 17.0 | 8.5 | 22.5 | JX684K2EE3XXS2320 |
| 684K | 275VAC | E4 | 26.5 | 19.0 | 10.0 | 22.5 | JX684K2EE4XXS2320 |
| 824K | 275VAC | D7 | 18.0 | 19.0 | 10.8 | 15 | JX824K2ED7XXS1520 |
| 824K | 275VAC | E4 | 26.5 | 19.0 | 10.0 | 22.5 | JX824K2EE4XXS2320 |
| 824K | 275VAC | F1 | 31.4 | 19.5 | 10.8 | 27.5 | JX824K2EF1XXS2820 |
| 105K | 275VAC | D8 | 17.1 | 19.2 | 11.2 | 15 | JX105K2ED8XXS1520 |
| 105K | 275VAC | E3 | 26.5 | 17.0 | 8.5 | 22.5 | JX105K2EE3XXS2320 |
| 105K | 275VAC | E4 | 26.5 | 19.0 | 10.0 | 22.5 | JX105K2EE4XXS2320 |
| 105K | 275VAC | E6 | 26.0 | 21.5 | 12.0 | 22.5 | JX105K2EE6XXS2320 |
| 105K | 275VAC | F1 | 31.4 | 19.5 | 10.8 | 27.5 | JX105K2EF1XXS2820 |
| 105K | 275VAC | F2 | 31.5 | 21.6 | 13.0 | 27.5 | JX105K2EF2XXS2820 |
| 125K | 275VAC | F2 | 31.5 | 21.6 | 13.0 | 27.5 | JX125K2EF2XXS2820 |
| 155K | 275VAC | E6 | 26.5 | 21.5 | 12.0 | 22.5 | JX155K2EE6XXS2320 |
| 155K | 275VAC | F2 | 31.5 | 21.6 | 13.0 | 27.5 | JX155K2EF2XXS2820 |

| CAPACITOR BODY SIZE (Unit:mm) | | | | | | | |
|-------------------------------|--------|----------|-----------|-----------|-----------|-----------|-------------------|
| CAP | RV | BOX TYPE | W ±0.5 | H ±0.5 | T ±0.5 | P ±0.5 | PART NO |
| 225K | 275VAC | E7 | 26.5 | 23.0 | 13.0 | 22.5 | JX225K2EE7XXS2320 |
| 225K | 275VAC | F2 | 31.5 | 21.6 | 13.0 | 27.5 | JX225K2EF2XXS2820 |
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6. 产品介绍

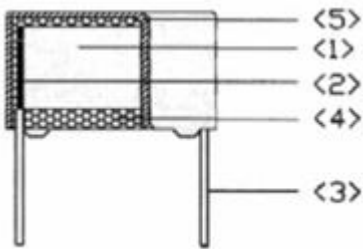
Products Ingroduction

MPX电容是由金属化聚丙烯薄，采用无感结构卷绕而成，引线采用镀锡铜包钢线，外部使用阻燃塑胶外壳及阻燃环氧封装而成。具有良好的自愈功能和优良的阻燃性，符合UL94- V0标准。

MPX are wound with metallized polypropylene film dielectric, Non-inductive construction, tinned copper wire leads, and encapsulated in plastic case with flame retardant epoxy resin sealed. They have excellent features of self-healing and good flame retardant according to UL 94-V0

7. 产品结构和关键材料

Construction and main materials of products



| No. | 关键材料 Main Materials | 材料规格 Specification | 备注 Remark |
|-----|---|---|--------------------|
| 1 | 金属化聚丙烯薄膜 Metallized polypropylene Film | MPPZAH(5~12um) | |
| 2 | 锌锡层Zn,Sn line | 锌或锌锡合金Zn or Zn and Sn alloy | 镀锡层厚度 7um以上 |
| 3 | 导线 Terminal | 镀锡铜包钢线(Φ0. 6 or 0. 8mm) CP(tinned copper wire leads) | |
| 4 | 封装材料 Sealed Material | 环氧树脂 Epoxy resin | UL94-V0 UL94-V0 |
| 5 | 塑胶外壳 Plastic Case | PBT | |

注：以上材料均符合环保要求

Note: All of the Materials are in compliance with the requirements of ROHS AND REACH.

8. 典型应用

Type application

本产品广泛应用于抑制电磁干扰和电源连接电路中，尤其是适用于使用电容器失效后不会导致触电的危险场合。

The Products Would widely used for the Interference suppressors and across-the-line capacitor applications. Suitable for used in situations where failure of the capacitor will not lead to danger of electric shock.

9.特点

Features

- 9. 1无感结构 Non-induction construction
- 9. 2优良的耐湿性 High moisture-resistance
- 9. 3自愈性 Self-healing property
- 9. 4阻燃性(符合UL94V- 0) Flame retardant type (compliance with UL94V-0)
- 9. 5非常小的损耗 Very small loss
- 9. 6优秀的频率和温度特性 Excellent frequency and temperature characteristics
- 9. 7高绝缘阻值 High insulation resistance

10.电气特性

Electrical specifications

如无其他说明, 电气特性请参考 IEC 60384- 14

Unless otherwise specified, electric characteristics shall refer to IEC 60384-14

| 项目 Item | 特性要求 Characteristic requirement | | | | | 测试方法及条件 Test method&Condition | | | | | | | | | | | | | | | | | | | |
|--|--|-----------------|--|---------|---------------------|--|-----------------|--|--|------------|-------|-------|--|--|-------------|-------|-------|--|--|--------------|--|--|--|--|-----------------------|
| 气候类别 Climatic Category | 40/ 110/ 56 | | | | | | | | | | | | | | | | | | | | | | | | |
| 阻燃等级 Passive Flammability Class | B | | | | | | | | | | | | | | | | | | | | | | | | |
| 工作温度 Operating Temperature | - 40°C ~ +110°C | | | | | | | | | | | | | | | | | | | | | | | | |
| 容量范围 Capacitance Range | 0. 0022uF ~ 2. 2uF | | | | | 1KHz , 1.0Vrms , 20°C | | | | | | | | | | | | | | | | | | | |
| 容量偏差 Capacitance Tolerance | ±10%(K) | | | | | | | | | | | | | | | | | | | | | | | | |
| 额定电压 Rated Voltage | 250VAC/ 275VAC/ 300VAC/ 305VAC/ 310VAC | | | | | | | | | | | | | | | | | | | | | | | | |
| 损耗角正切 Dissipation Factor | <table border="0"> <tr> <td>$C \leq 0.47 \mu F$</td> <td>$0.47 \mu F < C \leq 1.0 \mu F$</td> <td>$C > 1.0 \mu F$</td> <td colspan="2"></td> </tr> <tr> <td>1KHZ 0.10%</td> <td>0.10%</td> <td>0.10%</td> <td colspan="2"></td> </tr> <tr> <td>10KHZ 0.20%</td> <td>0.40%</td> <td>0.80%</td> <td colspan="2"></td> </tr> <tr> <td>100KHZ 0.60%</td> <td colspan="3"></td> <td></td> </tr> </table> | | | | $C \leq 0.47 \mu F$ | $0.47 \mu F < C \leq 1.0 \mu F$ | $C > 1.0 \mu F$ | | | 1KHZ 0.10% | 0.10% | 0.10% | | | 10KHZ 0.20% | 0.40% | 0.80% | | | 100KHZ 0.60% | | | | | 1KHz , 1.0Vrms , 20°C |
| $C \leq 0.47 \mu F$ | $0.47 \mu F < C \leq 1.0 \mu F$ | $C > 1.0 \mu F$ | | | | | | | | | | | | | | | | | | | | | | | |
| 1KHZ 0.10% | 0.10% | 0.10% | | | | | | | | | | | | | | | | | | | | | | | |
| 10KHZ 0.20% | 0.40% | 0.80% | | | | | | | | | | | | | | | | | | | | | | | |
| 100KHZ 0.60% | | | | | | | | | | | | | | | | | | | | | | | | | |
| 绝缘阻值 Insulation Resistance | $C \leq 0.33 \mu F$ $IR \geq 15000 M\Omega$ | | $C \geq 0.33 \mu F$ $IR \geq 5000s$ $or \geq 5000 M\Omega \cdot \mu F$ | | | $U_r > 100V$, 100VDC, 60S, 20°C | | | | | | | | | | | | | | | | | | | |
| 端子间电压 Withstand voltage Between Terminals | 应无永久性击穿或飞弧 No permanent breakdown or flashover | | | | | 4.3 U_r (d.c) 60s Cut off Current 10mA , , ARC=OFF, Voltage raising time 5~10s, pulse rise $\leq 150v/us$ | | | | | | | | | | | | | | | | | | | |
| 端子与壳体间耐压 Withstand voltage Between Terminals and Case | 应无永久性击穿或飞弧 No permanent breakdown or flashover | | | | | 2 U_r +1500V(a.c) 60s $\geq 2000V$ (a.c) | | | | | | | | | | | | | | | | | | | |
| 最大脉冲上升时间 MAX. Pulse rise time (dv/dt) | Lead spacing | | | | | | | | | | | | | | | | | | | | | | | | |
| | 7.5mm | 10mm | 15mm | 22.5mm | 27.5mm | | | | | | | | | | | | | | | | | | | | |
| | 600V/us | 500V/us | 400V/us | 200V/us | 150V/us | | | | | | | | | | | | | | | | | | | | |

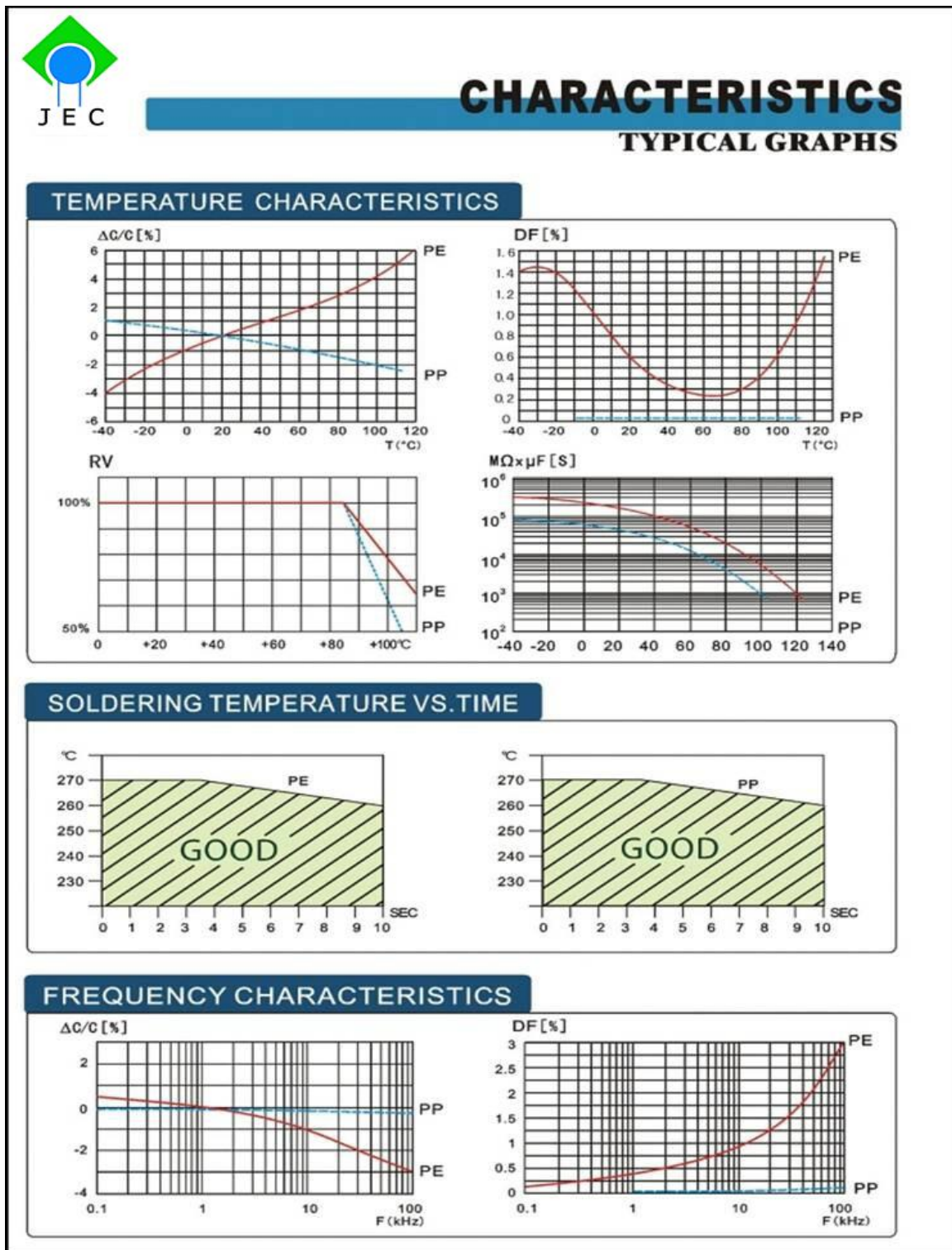
注：额定电压定义：在工作温度范围内，电容持续运行的可承受电压。

请不要将电容置于超过额定温度环境中长期工作，会降低使用寿命或发生电击危险。

Note:Rated voltage is defined the voltage which shall be capable of applying to capacitors continuously in the operating temperature range.Please do not place the capacitors in more than the rated operating temperature environment in the long-term work. It can reduces the capacitor's life or cause an electric shock hazard.

11.温度特性

TEMPERATURE CHARACTERISTICS



12.使用指导

Guide in useage

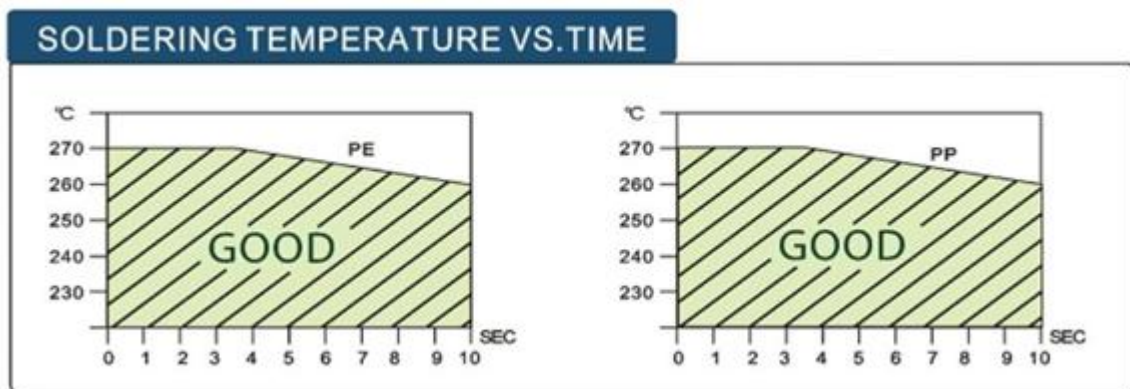
12.1 焊锡

Soldering

当焊接电容器时，焊锡热会通过引线端子和封装层传递到电容素子，因此必须注意高温和长时间焊接引起的电容电气特性衰减或损坏。请确认焊锡在以下温度范围内。

When soldering a capacitor, heat in soldering is conducted to the element of the capacitor from wire lead and an enclosure, and hence it should be noted that soldering under high temperature and long period may cause deterioration of characteristic or breakdown of capacitors.

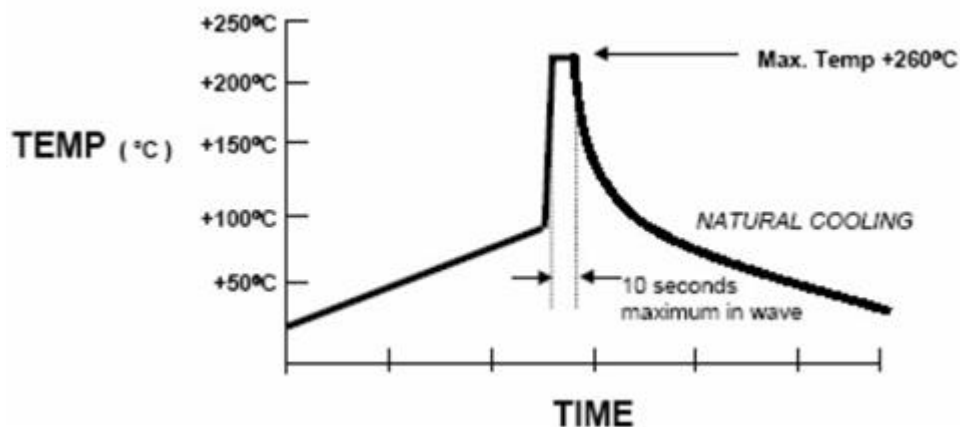
Be sure to solder within the following temperature condition range.



12.2 波峰焊 温度 $260 \pm 5^{\circ}\text{C}$ ，时间 < 10S

Flow / Wave Soldering

PRODUCTS: FILM CAPACITORS (Application of Through-Hole)



12.3 烙铁焊接

Soldering Iron

当使用烙铁焊接时，烙铁尖端温度不得超过 350°C ，焊接时间不超过5秒

When using soldering iron, iron tip temperature less than 350°C , Soldering time within 5 seconds.

13.环保要求

Environment requirement

13.1 符合ROHS要求 Compliance with the requirement of ROHS.

13.2 符合REACH要求 Compliance with the requirement of REACH.

13.3 符合无卤（如要求） Without Halogen(as required).

14.参考标准

Reference standards

GB- T2693- 2001 (IDT I EC 60384- 1- 2008) 电子设备用固定电容器第1部分总规范. (Fixed capacitors for use in electronic equipment –Part 1: Generic specification)

GB- T6346 电子设备用固定电容器第14部分:分规范:抑制电磁干扰和电源网络连接用固定电容器 (Fixed capacitors for use in electronic equipment –Part 14:Sectional specification:Fixed capacitors for electromagnetic interference suppression and connection to the supply mains)

IEC-60384-14-2005电子设备用固定电容器第14部分:分规范:抑制电磁干扰固定式电容器和与电源连接. (Fixed capacitors for use in electronic equipment –Part 14:Sectional specification:Fixed capacitors for electromagnetic interference suppression and connection to the supply mains)

GB- T2828.1- 2012 计数抽样检验程序第1部分按接收质量限(AQL)检索逐批检验抽样计划.(Sampling procedures for inspection by attributes—Part 1:Sampling schemes indexed by acceptance quality limit (AQL)for lot-by-lot inspection)

15.包装

Packing



塑料袋最小包装，数量为100、200、500、1000 pcs

Plastic bag is the minimum packing.the quantity are 100、200、500、1000 pcs.

袋内放置产品合格环保标识标签，包括料号，规格，数量，LOT批号，生产日期等

The label of the ROHS include the product name、specification、quantity、lot No、 manufacture date etc.



N袋小包装装一内箱

One inner box have N PCS bags

内箱尺寸为（长×宽×高）=23×30×30cm

Inner box size (L×W×H) =23×30×30cm

有环保标识 Marking for RoHS AND SVHC



两内箱装一外箱

One outer box have two Inner boxes

外箱尺寸为（长×宽×高）=48×32.2×33cm

Outer box size (L×W×H) ==48×32.2×33cm

有环保标识 Marking for RoHS and SVHC

16. 存储条件

Storage conditions

16.1 请注意，长时间产品暴露在空气中会导致引线氧化，焊接性能衰减。
It should be noted that the solderability of the terminals may be deteriorated when stored barely in an atmosphere for a long periods

16.2 不能放置在高温高湿环境中，请遵循以下存储条件（原包装下保存）
It shouldn't be located in particularly high temperature and high humidity, it must submit to the following conditions(keeping in the original package)

温度 Temperature: 35°C MAX

相对湿度 Relative humidity: 60% MAX

16.3 存储时间：最长12个月（以包装袋上标注的生产日期为准）

Storage period: 12 months max

(from the manufacturing date marked on the label in package bag)

17. 可靠性实验

Reliability test

17.1 测试条件：除非另有规定，所有试验和测量均应在GB2421-81第4.3条(IEC60068.1第5.3条)中规定的试验用标准大气条件下进行,条件如下：

Test condition: Unless otherwise specified, all tests and measurements shall be made under standard atmospheric conditions for testing as given in GB2421-81 NO.4.3 (IEC68-1 NO.5.3), AS follows

温度 Temperature: 15°C—35°C

相对湿度 Relative humidity: 25%—75%

气压 Air pressure: 86—106Kpa (860—1060mbra)

17.2 如对测试结果有任何疑问，则按以下限制测试：

If there may be any doubt on the results, measurements shall be made within the following limits.

环境温度 Ambient temperature: 20±2°C

环境湿度 Relative humidity: 50~70%

17.3 电性参数参考 IEC60384-1: 2008, IEC60384-14, IEC60068-2-2; IEC 60068-2-21

Electric characteristics shall refer to IEC 60384-1: 2008, IEC 60384-14, IEC 60068-2-2; IEC 60068-2-21

17.4 試驗項目 Test Item

如下表列 As follows list

| No | 項目 Item | | 特性要求 Characteristic requirement | 測試方法及條件 Test method & Condition | | |
|--|--|---|---|---|-------|------|
| 1 | 端子强度 Terminal Strength | 拉伸强度 Pull Strength | 无可见机械损伤 There shall be no visible mechanical damage | 线径 mm | 荷重 | 时间 |
| | | | | Wire diameter | Load | Time |
| | | | | ≤0.5 | 5N | 10s |
| | | | | 0.5<d≤0.8 | 10N | 10s |
| | | | | 0.8<d≤1.25 | 20N | 10s |
| | IEC60384-14 C4.3 IEC60384-1 C4.13 IEC60068 2-21 Test Ua1 | | | 线径 mm | 荷重 | 次數 |
| | 弯曲强度 Bending Strength | 无可见机械损伤 There shall be no visible mechanical damage | Wire diameter | Load | Times | |
| | | | ≤0.5 | 2.5N | 90°×4 | |
| | | | 0.5<d≤0.8 | 5N | 90°×4 | |
| | | | 0.8<d≤1.25 | 10N | 90°×4 | |
| IEC60384-14 C4.3 IEC60384-1 C4.13 IEC60068 2-21 Test Ua1 | | | | | | |
| 2 | 可焊性 Solderability | 端子引线周围至少95%的面积均匀附锡, 且本体无破裂等损坏现象 At least 95% of the Circumference of the Lead wire.Around load surface dipped into with new soler the body be no visible damage. | 焊锡温度: 260±5°C Solder temp 浸渍时间: 2.0±0.3S Immersion time IEC60384-14 C4.5 IEC60384-1 C4.15 IEC60068-2-20 Test Ta | | | |
| 3 | 耐焊接热 Resistance to Soldering heat withstand | 外观 Appearance | 无可见损伤,标志清晰 No visible damage, The marking shall be legible | 焊锡温度: 260±3°C Solder temp 浸渍时间: 10±1s Immersion time 恢复时间1- 2小时 Then recovery at ordinary condition 1~2hours IEC60384-14 C4.5 IEC60384-1 C4.15 IEC60068-2-20 Test Ta | | |
| | | 容量变化 Capacitance Variation | $\Delta C/C \leq \pm 5\%$ | | | |
| | | 损耗 Dissipation Factor | $\Delta tg\delta < 0.0080$ $C_R \leq 1.0\mu F$, 10kHz $\Delta tg\delta < 0.0050$ $C_R > 1.0\mu F$, 1kHz | | | |
| | | 耐电压 Voltage | 4.3 U_R (dc) 60s耐电压后无击穿或飞弧 No permanent breakdown or flashover | | | |
| | | 绝缘电阻 Insulation Resistance | $\Delta R/R \leq 50\%$ | | | |

| No | 項目 Item | | 特性要求 Characteristic requirement | 測試方法及條件 Test method & Condition |
|----|---------------------------|-------------------------------|--|--|
| 4 | 耐久性 Endurance | 外观 Appearance | 无可见损伤,标志清晰 No visible damage, The marking shall be legible | 温度Temp: 110±3℃ 持续时间: Duration 1000 hrs 施加电压voltage: 1.25 Ur(a.c.)50hz 每小时施加1000vac / 0.1s once every hour increase to 1000vac for 0.1s 恢复时间至少16小时 Then recovery at ordinary condition at least 16 hours IEC60384-14 C4.14 IEC60384-1 C4.23 IEC60068-2-2 |
| | | 容量变化 Capacitance Variation | $\Delta C/C \leq \pm 10\%$ | |
| | | 损耗 Dissipation Factor | $\Delta tg\delta < 0.0080$ $C_R \leq 1.0\mu F$, 10kHz $\Delta tg\delta < 0.0050$ $C_R > 1.0\mu F$, 1kHz | |
| | | 耐电压 Voltage | 4.3 Ur (dc) 60s耐电压后无击穿或飞弧 No permanent breakdown or flashover | |
| | | 绝缘电阻 Insulation Resistance | $\Delta R/R \leq 50\%$ | |
| 5 | 稳态湿热 Damp heat, steady | 外观 Appearance | 无可见损伤,标志清晰 No visible damage, The marking shall be legible | 温度Temp: 40±2℃ 湿度Humidity: 90-95%RH 持续时间Duration: 4~56 days 依需要 电容不施加电压 恢复时间 24小时 Then recovery at ordinary condition 24 hours IEC60384-14 C4.12 IEC60384-1 C4.22 IEC60068-2-78 Test Cab |
| | | 容量变化 Capacitance Variation | $\Delta C/C \leq \pm 5\%$ | |
| | | 损耗 Dissipation Factor | $\Delta tg\delta < 0.0080$ $C_R \leq 1.0\mu F$, 10kHz $\Delta tg\delta < 0.0050$ $C_R > 1.0\mu F$, 1kHz | |
| | | 耐电压 Withstand Voltage | 4.3 Ur (dc) 60s耐电压后无击穿或飞弧 No permanent breakdown or flashover | |
| | | 绝缘电阻 Insulation Resistance | $\Delta R/R \leq 50\%$ | |
| 6 | 干热 Dry heat | 外观 Appearance | 无可见损伤,标志清晰 No visible damage, The marking shall be legible | 温度 Temp: 110±2℃ 持续时间: 16h Duration 恢复时间不低于4小时 Then recovery at ordinary condition at least 4 hours IEC60384-14 C4.11.2 IEC60384-1 C4.21.2 IEC60068-2-2, test Bb |
| | | 容量变化 Capacitance Variation | $\Delta C/C \leq \pm 5\%$ | |
| | | 损耗 Dissipation Factor | $\Delta tg\delta < 0.0080$ $C_R \leq 1.0\mu F$, 10kHz $\Delta tg\delta < 0.0050$ $C_R > 1.0\mu F$, 1kHz | |
| | | 耐电压 Withstand Voltage | 4.3 Ur (dc) 60s耐电压后无击穿或飞弧 No permanent breakdown or flashover | |
| | | 绝缘电阻 Insulation Resistance | $\Delta R/R \leq 50\%$ | |

| No | 項目 Item | 特性要求 Characteristic requirement | 測試方法及條件 Test method & Condition | |
|----|-----------------------------|------------------------------------|---|--|
| 7 | 寒冷 Cold | 外观 Appearance | 温度Temp: $-40\pm 2^{\circ}\text{C}$ 持续时间: 2h Duration: 恢复时间不低于4小时 Then recovery at ordinary condition at least 4 hours IEC60384-14 C4.11.4 IEC60384-1 C4.21.4 IEC60068-2-1, test Ab | |
| | | 容量变化 Capacitance Variation | | $\Delta C/C \leq \pm 10\%$ |
| | | 损耗 Dissipation Factor | | $\Delta \text{tg}\delta < 0.0080$ $C_R \leq 1.0\mu\text{F}$, 10kHz $\Delta \text{tg}\delta < 0.0050$ $C_R > 1.0\mu\text{F}$, 1kHz |
| | | 耐电压 Voltage | | 4.3 U_R (dc) 60s耐电压后无击穿或飞弧 No permanent breakdown or flashover |
| | | 绝缘电阻 Insulation Resistance | | $\Delta R/R \leq 50\%$ |
| 8 | 脉冲 Impulse voltage | 外观 Appearance | When $C_R \leq 1.0\mu\text{F}$ $U_P = 2.5 \text{ kV}$ When $C_R > 1.0\mu\text{F}$ $U_P = 2.5 \text{ kV}/\sqrt{C}$ time:10s Cycle times:24次 前三次脉冲没有发生自愈性击穿, 则可停止, 为合格 IEC60384-14 C4.13 IEC60060-1 | |
| | | 容量变化 Capacitance Variation | | $\Delta C/C \leq \pm 5\%$ |
| | | 损耗 Dissipation Factor | | $\Delta \text{tg}\delta < 0.0080$ $C_R \leq 1.0\mu\text{F}$, 10kHz $\Delta \text{tg}\delta < 0.0050$ $C_R > 1.0\mu\text{F}$, 1kHz |
| | | 耐电压 Withstand Voltage | | 4.3 U_R (dc) 60s耐电压后无击穿或飞弧 No permanent breakdown or flashover |
| | | 绝缘电阻 Insulation Resistance | | $\Delta R/R \leq 50\%$ |
| 9 | 充放电 Charge and Discharge | 外观 Appearance | Test voltage: $1.414 \times U_R$ (d.c.) Cycle times:10000 dv/dt:100 V/ μs . resistor: $(220 \times 10^{-6} / C_R)\Omega$ IEC60384-14 C4.15 IEC60384-1 C4.27 | |
| | | 容量变化 Capacitance Variation | | $\Delta C/C \leq \pm 10\%$ |
| | | 损耗 Dissipation Factor | | $\Delta \text{tg}\delta < 0.0080$ $C_R \leq 1.0\mu\text{F}$, 10kHz $\Delta \text{tg}\delta < 0.0050$ $C_R > 1.0\mu\text{F}$, 1kHz |
| | | 耐电压 Withstand Voltage | | 4.3 U_R (dc) 60s耐电压后无击穿或飞弧 No permanent breakdown or flashover |
| | | 绝缘电阻 Insulation Resistance | | $\Delta R/R \leq 50\%$ |

| No | 項目 Item | | 特性要求 Characteristic requirement | 測試方法及條件 Test method & Condition |
|----|-----------------------------------|-------------------------------|---|---|
| 10 | 振动 Vibration | 外观 Appearance | 无可见损伤,标志清晰 No visible damage, The marking shall be legible | 上下左右前后三个方向各2H, 频率10- 55Hz 振幅0.75mm或100m/ s ² 3 directions at 2 hours each 10-55Hz at 0.75mm or 100 m/s ² IEC60384-14 C4.7 IEC60384-1 C4.17 IEC 60068-2-6, test Fc, |
| 11 | 碰撞或冲击 Bump | 外观 Appearance | 无可见损伤,标志清晰 No visible damage, The marking shall be legible | 次数 number of bumps: 1,000 or 4, 000 加速度 Acceleration:400 m/s ² Pulse duration: 6 ms IEC60384-14 C4.8 IEC60384-1 C4.18 IEC 60068-2-29, test Eb |
| | | 容量变化 Capacitance Variation | $\Delta C/C \leq \pm 5\%$ | |
| | | 损耗 Dissipation Factor | $\Delta tg\delta < 0.0080$ $C_R \leq 1.0\mu F$, 10kHz $\Delta tg\delta < 0.0050$ $C_R > 1.0\mu F$, 1kHz | |
| 12 | 阻燃试验 Passive flammability test | | 燃焰等级: B Category of flammability 燃焰时间: 10s Flame exposure time 最大燃烧时间: 10s Maximum burning time | UL94-V0 IEC60384-14 C4.17 IEC60384-1 C4.38 IEC60695-11-5. |
| 13 | 自燃试验 Active flammability test | | 缠绕在电容上的薄纱布应不会燃烧, 电测量不要求。 The cheesecloth around the capacitor shall not burn with a flame. No electrical measurements are required. | 施加电压为2.5KV的20个脉冲电压, 每个电压5秒 20 surge pulses at 2.5 KV (pulse every 5s) IEC60384-14 C4.18 |