

表面贴装型

系列 **S** 类型: **V**



特点

- 保证时间: 85 °C 2000 小时
- 可满足耐振要求 ($\varphi 8 \leq$)
- 已应对RoHS指令

规格

| | | | | | | | | | | | | |
|--------------------------|---|------------------------------|--|----------|----|--------|-------------------------|----|-------------------------|-----|--------------------|--|
| 类别温度范围 | -40 °C ~ +85 °C | | | | | | | | | | | |
| 额定电压范围 | 4 V.DC ~ 100 V.DC | | | | | | | | | | | |
| 静电容量范围 | 1 μ F ~ 1500 μ F | | | | | | | | | | | |
| 静电容量容差 | $\pm 20\%$ (120 Hz/+20°C) | | | | | | | | | | | |
| 漏电流 | $I \leq 0.01 CV$ 或 $3 (\mu A)$ (Bi-Polar $I \leq 0.02 CV$ 或 $6 (\mu A)$ 2 分值 (任一大值以下)) | | | | | | | | | | | |
| 损耗角的正切 ($\tan \delta$) | 请参照特性一览表 | | | | | | | | | | | |
| 温度特性 | V.DC | 4 | 6.3 | 10 | 16 | 25 | 35 | 50 | 63 | 100 | (120 Hz 时的 阻抗比) | |
| | Z(-25 °C)/Z(+20 °C) | 7 | 4 | 3 | 2 | 2 | 2 | 2 | 3 | 3 | | |
| | Z(-40 °C)/Z(+20 °C) | 15 | 8 | 6 | 4 | 4 | 3 | 3 | 4 | 4 | | |
| 耐久性 | 在+85 °C ± 2 °C 的条件下, 对电容施加额定工作电压2000 小时后, (若是双极性, 在1000 小时时, 使极性颠倒) 恢复至标准气候测量, 并满足下列条件。 | | | | | | | | | | | |
| | 静电容量变化 | 初始值 $\pm 20\%$ 以内 | | | | | | | | | | |
| | | 尺寸代码(尺寸) | B($\varphi 4$) to D, D8($\varphi 6.3$) | | | 额定电压 | | | 静电容量变化率 | | | |
| | | $\leq D(\varphi 6.3)$ 的小型化产品 | | | | 4 V.DC | | | 在1000小时中为 $\pm 30\%$ 以内 | | | |
| ≥ 10 V.DC | | | | 6.3 V.DC | | | 在1000小时中为 $\pm 20\%$ 以内 | | | | | |
| ≥ 10 V.DC | | | | 10 V.DC | | | 在1000小时中为 $\pm 20\%$ 以内 | | | | | |
| $\tan \delta$ | 不大于初始标准值的200 % | | | | | | | | | | | |
| 漏电流 | 不大于初始标准值 | | | | | | | | | | | |
| 高温无负载特性 | 在+85 °C ± 2 °C 的情况下连续1000 小时, 恢复至常温后, 应满足上述各项耐久性。(但须有电压处理) 经回流焊接, 恢复至标准气候测量, 并满足下列条件。 | | | | | | | | | | | |
| 焊接耐热性 | 静电容量变化 | 初始值 $\pm 10\%$ 以内 | | | | | | | | | | |
| | $\tan \delta$ | 不大于初始标准值 | | | | | | | | | | |
| | 漏电流 | 不大于初始标准值 | | | | | | | | | | |
| AEC-Q200 | 符号AEC-Q200 | | | | | | | | | | | |

额定纹波电流 频率修正系数

| | | | | |
|---------|--------|------|------|--------|
| 频率 (Hz) | 50, 60 | 120 | 1 k | 10 k ~ |
| 系数 | 0.70 | 1.00 | 1.30 | 1.70 |

标示

例: 4 V.DC 33 μ F (有极性)
标示颜色: BLACK

极性标示 (-)

静电容量 (μ F)

系列符号 (S) or (A)

无铅适用产品 标记 (黑点)

批号

额定电压 (V.DC)
(6=6.3 V.DC)

外观尺寸

括弧内为参考尺寸

压力阀($\varphi 10 \leq$)

单位: mm

| 尺寸代码 | D | L | A,B | H | I | W | P | K |
|------|------|-------------------------------------|------|-----------|-----|----------------|-----|--|
| B | 4.0 | 5.4 ^{+0.1} _{-0.2} | 4.3 | 5.5 max. | 1.8 | 0.65 \pm 0.1 | 1.0 | 0.35 ^{+0.15} _{-0.20} |
| C | 5.0 | 5.4 ^{+0.1} _{-0.2} | 5.3 | 6.5 max. | 2.2 | 0.65 \pm 0.1 | 1.5 | 0.35 ^{+0.15} _{-0.20} |
| D | 6.3 | 5.4 ^{+0.1} _{-0.2} | 6.6 | 7.8 max. | 2.6 | 0.65 \pm 0.1 | 1.8 | 0.35 ^{+0.15} _{-0.20} |
| D 8 | 6.3 | 7.7 \pm 0.3 | 6.6 | 7.8 max. | 2.6 | 0.65 \pm 0.1 | 1.8 | 0.35 ^{+0.15} _{-0.20} |
| E | 8.0 | 6.2 \pm 0.3 | 8.3 | 9.5 max. | 3.4 | 0.65 \pm 0.1 | 2.2 | 0.35 ^{+0.15} _{-0.20} |
| F | 8.0 | 10.2 \pm 0.3 | 8.3 | 10.0 max. | 3.4 | 0.90 \pm 0.2 | 3.1 | 0.70 \pm 0.2 |
| G | 10.0 | 10.2 \pm 0.3 | 10.3 | 12.0 max. | 3.5 | 0.90 \pm 0.2 | 4.6 | 0.70 \pm 0.2 |

特性一览表

| 额定电压 (V.DC) | 静电容量 (±20%) (μF) | 产品尺寸 (mm) | | 尺寸代码 *1 | 特性 | | | 型号 | 回流 | 最少包装数量 |
|-------------|------------------|-----------|------|---------|-----------------------|----------|------------|-------------|-----|------------|
| | | φD | L | | 额定纹波电流 *2 (mA r.m.s.) | tan δ *3 | 耐久性 (小时) | | | 带状包装 (pcs) |
| 4 | 33 | 4.0 | 5.4 | B | 26 | 0.35 | 1000 | EEE0GA330SR | (1) | 2000 |
| | 47 | 4.0 | 5.4 | B | 34 | 0.35 | 1000 | EEE0GA470SR | (1) | 2000 |
| | 100 | 5.0 | 5.4 | C | 61 | 0.35 | 1000 | EEE0GA101SR | (1) | 1000 |
| | 220 | 6.3 | 5.4 | D | 82 | 0.35 | 1000 | EEE0GA221SP | (1) | 1000 |
| | 330 | 6.3 | 5.4 | (D) | 80 | 0.50 | 1000 | EEE0GA331WP | (1) | 1000 |
| | 470 | 6.3 | 7.7 | D8 | 200 | 0.35 | 1000 | EEE0GA471XP | (1) | 900 |
| 6.3 | 22 | 4.0 | 5.4 | B | 29 | 0.26 | 2000 | EEE0JA220SR | (1) | 2000 |
| | 33 | 4.0 | 5.4 | (B) | 22 | 0.35 | 1000 | EEE0JA330WR | (1) | 2000 |
| | | 4.0 | 5.4 | (B) | 36 | 0.35 | 1000 | EEE0JA470WR | (1) | 2000 |
| | 47 | 5.0 | 5.4 | C | 46 | 0.26 | 2000 | EEE0JA470SR | (1) | 1000 |
| | | 5.0 | 5.4 | (C) | 47 | 0.35 | 1000 | EEE0JA101WR | (1) | 1000 |
| | 100 | 6.3 | 5.4 | D | 71 | 0.26 | 2000 | EEE0JA101SP | (1) | 1000 |
| | | 6.3 | 5.4 | (D) | 74 | 0.35 | 1000 | EEE0JA221WP | (1) | 1000 |
| | 330 | 6.3 | 7.7 | D8 | 188 | 0.26 | 2000 | EEE0JA331XP | (1) | 900 |
| | | 8.0 | 6.2 | E | 300 | 0.35 | 2000 | EEE0JA331P | (2) | 1000 |
| | 470 | 8.0 | 10.2 | F | 380 | 0.35 | 2000 | EEE0JA471P | (2) | 500 |
| | 1000 | 8.0 | 10.2 | (F) | 500 | 0.35 | 2000 | EEE0JA102UP | (2) | 500 |
| | | 10.0 | 10.2 | G | 700 | 0.35 | 2000 | EEE0JA102P | (2) | 500 |
| 1500 | 10.0 | 10.2 | G | 750 | 0.35 | 2000 | EEE0JA152P | (2) | 500 | |
| 10 | 22 | 4.0 | 5.4 | (B) | 28 | 0.30 | 1000 | EEE1AA220WR | (1) | 2000 |
| | 33 | 4.0 | 5.4 | (B) | 29 | 0.30 | 1000 | EEE1AA330WR | (1) | 2000 |
| | | 5.0 | 5.4 | C | 43 | 0.20 | 2000 | EEE1AA330SR | (1) | 1000 |
| | 47 | 5.0 | 5.4 | (C) | 43 | 0.30 | 1000 | EEE1AA470WR | (1) | 1000 |
| | 100 | 5.0 | 5.4 | (C) | 50 | 0.30 | 1000 | EEE1AA101WR | (1) | 1000 |
| | | 6.3 | 5.4 | D | 70 | 0.26 | 2000 | EEE1AA101SP | (1) | 1000 |
| | 220 | 6.3 | 7.7 | D8 | 173 | 0.20 | 2000 | EEE1AA221XP | (1) | 900 |
| | | 8.0 | 6.2 | E | 250 | 0.26 | 2000 | EEE1AA221P | (2) | 1000 |
| | 330 | 8.0 | 10.2 | F | 390 | 0.26 | 2000 | EEE1AA331P | (2) | 500 |
| | 470 | 8.0 | 10.2 | (F) | 390 | 0.26 | 2000 | EEE1AA471UP | (2) | 500 |
| | | 10.0 | 10.2 | G | 400 | 0.26 | 2000 | EEE1AA471P | (2) | 500 |
| | 1000 | 10.0 | 10.2 | G | 580 | 0.26 | 2000 | EEE1AA102P | (2) | 500 |
| 16 | 10 | 4.0 | 5.4 | B | 28 | 0.16 | 2000 | EEE1CA100SR | (1) | 2000 |
| | 22 | 4.0 | 5.4 | (B) | 28 | 0.26 | 1000 | EEE1CA220WR | (1) | 2000 |
| | | 5.0 | 5.4 | C | 39 | 0.16 | 2000 | EEE1CA220SR | (1) | 1000 |
| | 33 | 5.0 | 5.4 | (C) | 35 | 0.26 | 1000 | EEE1CA330WR | (1) | 1000 |
| | 47 | 5.0 | 5.4 | (C) | 39 | 0.26 | 1000 | EEE1CA470WR | (1) | 1000 |
| | | 6.3 | 5.4 | D | 70 | 0.16 | 2000 | EEE1CA470SP | (1) | 1000 |
| | 100 | 6.3 | 5.4 | (D) | 70 | 0.26 | 1000 | EEE1CA101WP | (1) | 1000 |
| | | 8.0 | 6.2 | E | 200 | 0.20 | 2000 | EEE1CA101P | (2) | 1000 |
| | 220 | 6.3 | 7.7 | D8 | 162 | 0.16 | 2000 | EEE1CA221XP | (1) | 900 |
| | | 8.0 | 6.2 | E | 200 | 0.20 | 2000 | EEE1CA221UP | (2) | 1000 |
| | | 8.0 | 10.2 | F | 280 | 0.20 | 2000 | EEE1CA221P | (2) | 500 |
| | 330 | 8.0 | 10.2 | (F) | 320 | 0.20 | 2000 | EEE1CA331UP | (2) | 500 |
| | | 10.0 | 10.2 | G | 380 | 0.20 | 2000 | EEE1CA331P | (2) | 500 |
| | 470 | 8.0 | 10.2 | (F) | 350 | 0.20 | 2000 | EEE1CA471UP | (2) | 500 |
| | | 10.0 | 10.2 | G | 420 | 0.20 | 2000 | EEE1CA471P | (2) | 500 |

*1: 尺寸编号 () 为小型化品

*2: 额定纹波电流 (120 Hz / +85 °C)

*3: tanδ (120 Hz / +20 °C)

- 关于回流焊保证条件, 编带包装规格, 请参照那个项目的页
- 耐振动品的编号, 末尾的包装记号: 成为 P → V

特性一览表

| 额定电压 (V.DC) | 静电容量 (±20%) (μF) | 产品尺寸 (mm) | | 尺寸代码 *1 | 特性 | | | 型号 | 回流 | 最少包装数量 |
|-------------|------------------|-----------|------|---------|-----------------------|----------|------------|-------------|-----|------------|
| | | φD | L | | 额定纹波电流 *2 (mA r.m.s.) | tan δ *3 | 耐久性 (小时) | | | 带状包装 (pcs) |
| 25 | 4.7 | 4.0 | 5.4 | B | 22 | 0.14 | 2000 | EEE1EA4R7SR | (1) | 2000 |
| | 10 | 4.0 | 5.4 | (B) | 22 | 0.20 | 1000 | EEE1EA100WR | (1) | 2000 |
| | | 5.0 | 5.4 | C | 28 | 0.14 | 2000 | EEE1EA100SR | (1) | 1000 |
| | 22 | 5.0 | 5.4 | (C) | 35 | 0.20 | 1000 | EEE1EA220WR | (1) | 1000 |
| | | 6.3 | 5.4 | D | 55 | 0.14 | 2000 | EEE1EA220SP | (1) | 1000 |
| | 33 | 5.0 | 5.4 | (C) | 42 | 0.20 | 1000 | EEE1EA330WR | (1) | 1000 |
| | | 6.3 | 5.4 | D | 65 | 0.14 | 2000 | EEE1EA330SP | (1) | 1000 |
| | 47 | 6.3 | 5.4 | (D) | 70 | 0.20 | 1000 | EEE1EA470WP | (1) | 1000 |
| | 100 | 6.3 | 7.7 | D8 | 143 | 0.14 | 2000 | EEE1EA101XP | (1) | 900 |
| | | 8.0 | 6.2 | (E) | 91 | 0.16 | 2000 | EEE1EA101UP | (2) | 1000 |
| | | 8.0 | 10.2 | F | 180 | 0.16 | 2000 | EEE1EA101P | (2) | 500 |
| | 220 | 8.0 | 10.2 | (F) | 230 | 0.16 | 2000 | EEE1EA221UP | (2) | 500 |
| | | 10.0 | 10.2 | G | 310 | 0.16 | 2000 | EEE1EA221P | (2) | 500 |
| | 330 | 8.0 | 10.2 | (F) | 270 | 0.16 | 2000 | EEE1EA331UP | (2) | 500 |
| | | 10.0 | 10.2 | G | 340 | 0.16 | 2000 | EEE1EA331P | (2) | 500 |
| 470 | 10.0 | 10.2 | G | 380 | 0.16 | 2000 | EEE1EA471P | (2) | 500 | |
| 35 | 4.7 | 4.0 | 5.4 | B | 22 | 0.12 | 2000 | EEE1VA4R7SR | (1) | 2000 |
| | 10 | 4.0 | 5.4 | (B) | 22 | 0.16 | 1000 | EEE1VA100WR | (1) | 2000 |
| | | 5.0 | 5.4 | C | 30 | 0.12 | 2000 | EEE1VA100SR | (1) | 1000 |
| | 22 | 5.0 | 5.4 | (C) | 36 | 0.16 | 1000 | EEE1VA220WR | (1) | 1000 |
| | | 6.3 | 5.4 | D | 60 | 0.12 | 2000 | EEE1VA220SP | (1) | 1000 |
| | 33 | 6.3 | 5.4 | (D) | 60 | 0.16 | 1000 | EEE1VA330WP | (1) | 1000 |
| | | 8.0 | 6.2 | E | 130 | 0.14 | 2000 | EEE1VA330P | (2) | 1000 |
| | 47 | 6.3 | 5.4 | (D) | 70 | 0.16 | 1000 | EEE1VA470WP | (1) | 1000 |
| | | 8.0 | 6.2 | E | 165 | 0.14 | 2000 | EEE1VA470P | (2) | 1000 |
| | 100 | 6.3 | 7.7 | D8 | 132 | 0.12 | 2000 | EEE1VA101XP | (1) | 900 |
| | | 8.0 | 10.2 | (F) | 140 | 0.14 | 2000 | EEE1VA101UP | (2) | 500 |
| | | 10.0 | 10.2 | G | 210 | 0.14 | 2000 | EEE1VA101P | (2) | 500 |
| | 220 | 8.0 | 10.2 | (F) | 200 | 0.14 | 2000 | EEE1VA221UP | (2) | 500 |
| | | 10.0 | 10.2 | G | 310 | 0.14 | 2000 | EEE1VA221P | (2) | 500 |
| | 330 | 10.0 | 10.2 | G | 350 | 0.14 | 2000 | EEE1VA331P | (2) | 500 |

*1: 尺寸编号 () 为小型化品

*2: 额定纹波电流 (120 Hz / +85 °C)

*3: tanδ (120 Hz / +20 °C)

- 关于回流焊保证条件, 编带包装规格, 请参照那个项目的页
- 耐振动品的编号, 末尾的包装记号: 成为 P → V

特性一览表

| 额定电压 (V.DC) | 静电容量 (±20%) (μF) | 产品尺寸 (mm) | | 尺寸代码 *1 | 特性 | | | 型号 | 回流 | 最少包装数量 |
|-------------|------------------|-----------|------|---------|-----------------------|----------|-------------|-------------|-----|------------|
| | | φD | L | | 额定纹波电流 *2 (mA r.m.s.) | tan δ *3 | 耐久性 (小时) | | | 带状包装 (pcs) |
| 50 | 1.0 | 4.0 | 5.4 | B | 10 | 0.12 | 2000 | EEE1HA010SR | (1) | 2000 |
| | 2.2 | 4.0 | 5.4 | B | 16 | 0.12 | 2000 | EEE1HA2R2SR | (1) | 2000 |
| | 3.3 | 4.0 | 5.4 | B | 16 | 0.12 | 2000 | EEE1HA3R3SR | (1) | 2000 |
| | 4.7 | 4.0 | 5.4 | (B) | 18 | 0.14 | 1000 | EEE1HA4R7WR | (1) | 2000 |
| | | 5.0 | 5.4 | C | 23 | 0.12 | 2000 | EEE1HA4R7SR | (1) | 1000 |
| | 10 | 5.0 | 5.4 | (C) | 27 | 0.14 | 1000 | EEE1HA100WR | (1) | 1000 |
| | | 6.3 | 5.4 | D | 35 | 0.12 | 2000 | EEE1HA100SP | (1) | 1000 |
| | 22 | 6.3 | 5.4 | (D) | 40 | 0.14 | 1000 | EEE1HA220WP | (1) | 1000 |
| | | 8.0 | 6.2 | E | 120 | 0.12 | 2000 | EEE1HA220P | (2) | 1000 |
| | 33 | 6.3 | 7.7 | D8 | 85 | 0.12 | 2000 | EEE1HA330XP | (1) | 900 |
| | | 8.0 | 6.2 | (E) | 65 | 0.12 | 2000 | EEE1HA330UP | (2) | 1000 |
| | | 8.0 | 10.2 | F | 110 | 0.12 | 2000 | EEE1HA330P | (2) | 500 |
| | 47 | 6.3 | 7.7 | D8 | 105 | 0.12 | 2000 | EEE1HA470XP | (1) | 900 |
| | | 8.0 | 10.2 | (F) | 110 | 0.12 | 2000 | EEE1HA470UP | (2) | 500 |
| 10.0 | | 10.2 | G | 130 | 0.12 | 2000 | EEE1HA470P | (2) | 500 | |
| 100 | 8.0 | 10.2 | (F) | 200 | 0.12 | 2000 | EEE1HA101UP | (2) | 500 | |
| | 10.0 | 10.2 | G | 250 | 0.12 | 2000 | EEE1HA101P | (2) | 500 | |
| 220 | 10.0 | 10.2 | G | 300 | 0.12 | 2000 | EEE1HA221P | (2) | 500 | |
| 63 | 22 | 8.0 | 6.2 | (E) | 40 | 0.18 | 2000 | EEE1JA220UP | (2) | 1000 |
| | | 8.0 | 10.2 | F | 40 | 0.18 | 2000 | EEE1JA220P | (2) | 500 |
| | 33 | 8.0 | 10.2 | F | 45 | 0.18 | 2000 | EEE1JA330P | (2) | 500 |
| | 47 | 8.0 | 10.2 | (F) | 45 | 0.18 | 2000 | EEE1JA470UP | (2) | 500 |
| | | 10.0 | 10.2 | G | 45 | 0.18 | 2000 | EEE1JA470P | (2) | 500 |
| 100 | 10.0 | 10.2 | G | 60 | 0.18 | 2000 | EEE1JA101P | (2) | 500 | |
| 100 | 4.7 | 8.0 | 6.2 | (E) | 50 | 0.18 | 2000 | EEE2AA4R7UP | (2) | 1000 |
| | 10 | 8.0 | 6.2 | (E) | 50 | 0.18 | 2000 | EEE2AA100UP | (2) | 1000 |
| | | 8.0 | 10.2 | F | 85 | 0.18 | 2000 | EEE2AA100P | (2) | 500 |
| | 22 | 8.0 | 10.2 | (F) | 55 | 0.18 | 2000 | EEE2AA220UP | (2) | 500 |
| | | 10.0 | 10.2 | G | 85 | 0.18 | 2000 | EEE2AA220P | (2) | 500 |
| 33 | 10.0 | 10.2 | G | 90 | 0.18 | 2000 | EEE2AA330P | (2) | 500 | |

*1: 尺寸编号 () 为小型化品

*2: 额定纹波电流 (120 Hz / +85 °C)

*3: tanδ (120 Hz / +20 °C)

- 关于回流焊保证条件, 编带包装规格, 请参照那个项目的页
- 耐震动品的编号, 末尾的包装记号: 成为 P → V

特性一览表

| 额定电压 (V.DC) | 静电容量 (±20 %) (μF) | 产品尺寸(mm) | | 尺寸代码 | 特性 | | 型号 | 回流 | 最少包装数量 |
|-------------|-------------------|----------|-----|------|-----------------------|----------|-------------|-----|------------|
| | | φD | L | | 额定纹波电流 *1 (mA r.m.s.) | tan δ *2 | | | 带状包装 (pcs) |
| 6.3 | 22 | 5.0 | 5.4 | C | 29 | 0.52 | EEE0JA220NR | (1) | 1000 |
| | 47 | 6.3 | 5.4 | D | 46 | 0.52 | EEE0JA470NP | (1) | 1000 |
| 10 | 10 | 4.0 | 5.4 | B | 25 | 0.40 | EEE1AA100NR | (1) | 2000 |
| | 33 | 6.3 | 5.4 | D | 43 | 0.40 | EEE1AA330NP | (1) | 1000 |
| 16 | 4.7 | 4.0 | 5.4 | B | 20 | 0.32 | EEE1CA4R7NR | (1) | 2000 |
| | 10 | 5.0 | 5.4 | C | 25 | 0.32 | EEE1CA100NR | (1) | 1000 |
| | 22 | 6.3 | 5.4 | D | 39 | 0.32 | EEE1CA220NP | (1) | 1000 |
| 25 | 3.3 | 4.0 | 5.4 | B | 12 | 0.28 | EEE1EA3R3NR | (1) | 2000 |
| | 4.7 | 5.0 | 5.4 | C | 21 | 0.28 | EEE1EA4R7NR | (1) | 1000 |
| | 10 | 6.3 | 5.4 | D | 28 | 0.28 | EEE1EA100NP | (1) | 1000 |
| 35 | 2.2 | 4.0 | 5.4 | B | 12 | 0.24 | EEE1VA2R2NR | (1) | 2000 |
| | 4.7 | 5.0 | 5.4 | C | 22 | 0.24 | EEE1VA4R7NR | (1) | 1000 |
| | 10 | 6.3 | 5.4 | D | 30 | 0.24 | EEE1VA100NP | (1) | 1000 |
| 50 | 1.0 | 4.0 | 5.4 | B | 10 | 0.24 | EEE1HA010NR | (1) | 2000 |
| | 2.2 | 5.0 | 5.4 | C | 16 | 0.24 | EEE1HA2R2NR | (1) | 1000 |
| | 3.3 | 5.0 | 5.4 | C | 21 | 0.24 | EEENZ1H3R3R | (1) | 1000 |
| | 4.7 | 6.3 | 5.4 | D | 31 | 0.24 | EEE1HA4R7NP | (1) | 1000 |

*1: 额定纹波电流 (120 Hz / +85 °C)

*2: tanδ (120 Hz / +20 °C)

- 关于回流焊保证条件，编带包装规格，请参照那个项目的页
- 耐振动品的编号，末尾的包装记号：成为 P → V