

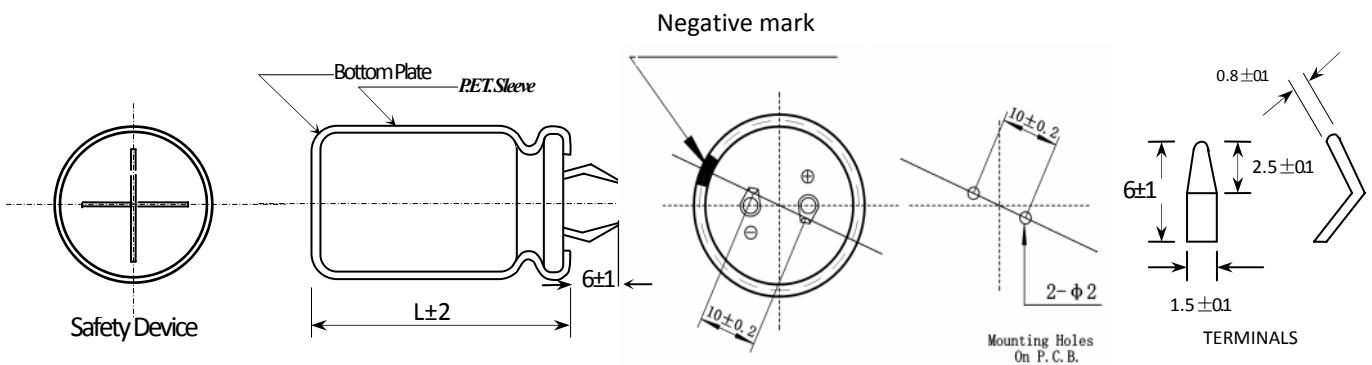
**UJ series**

|  |                       |     |
|--|-----------------------|-----|
| Part number                            | <b>UJ331M600P600A</b> |     |
| Capacitance                            | 330                   | μF  |
| Voltage                                | 600                   | Vdc |
| Surge Voltage                          | 660                   | Vdc |
| Capacitance Tolerance (@120Hz, +20°C)  | ±20                   | %   |
| Ripple current (max. @120Hz,+105°C)    | 1.35                  | A   |
| Dissipation factor (tanδ @120Hz, 20°C) | 20                    | %   |
| Leakage Current (max. @20°C)*          | 1335                  | μA  |
| Size(DxL)                              | 35×60                 | mm  |
| Operating temperature                  | -25 ~ +105            | °C  |
| Endurance                              | 2000                  | h   |



\*L.C.  $I \leq 3 \cdot \sqrt{CV}$  (C = CAP., V = W.V.) After 5 minutes with rated working voltage applied.

| Test conditions                  | Useful Life                           | Endurance                             | Shelf Life  |
|----------------------------------|---------------------------------------|---------------------------------------|---|
| Duration time                    | 5000h @105 °C                         | 2000h @105 °C                         | 1000h @ 105°C   |
| Applied voltage                  | Rated DC working voltage, $I_R$       |                                       | None  |
| After test requirements (+20°C): |                                       |                                       |   |
| Capacitance change               | ≤ ±20% of initial measured value      | ≤ ±10% of initial measured value      | ≤ ±20% of initial measured value  |
| Dissipation factor change        | ≤ 200% of the initial specified value | ≤ 130% of the initial specified value | ≤ 200% of the initial specified value   |
| Leakage current                  | ≤ the initial specified value         |                                       |   |
| comment                          |                                       |                                       | Pre-treatment for measurements shall be conducted after application of DC working voltage for 30 min. |



| Series    | Cap        | Tol.     | Voltage    | Case D   | Case L     | Type       | Lead Treatm. | Special     |
|-----------|------------|----------|------------|----------|------------|------------|--------------|-------------|
| 1_2       | 3_4_5      | 6        | 7_8_9      | 10       | 11_12_13   | 14         | 15_16        | 17_18_19_20 |
| <b>UJ</b> | <b>331</b> | <b>M</b> | <b>600</b> | <b>P</b> | <b>600</b> | <b>A</b>   |              |             |
|           | =330μF     | =±20%    | =600V      | =35mm    | =60mm      | A=standard | no request   | no request  |