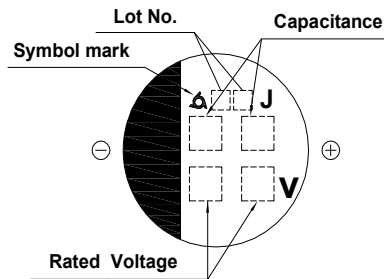
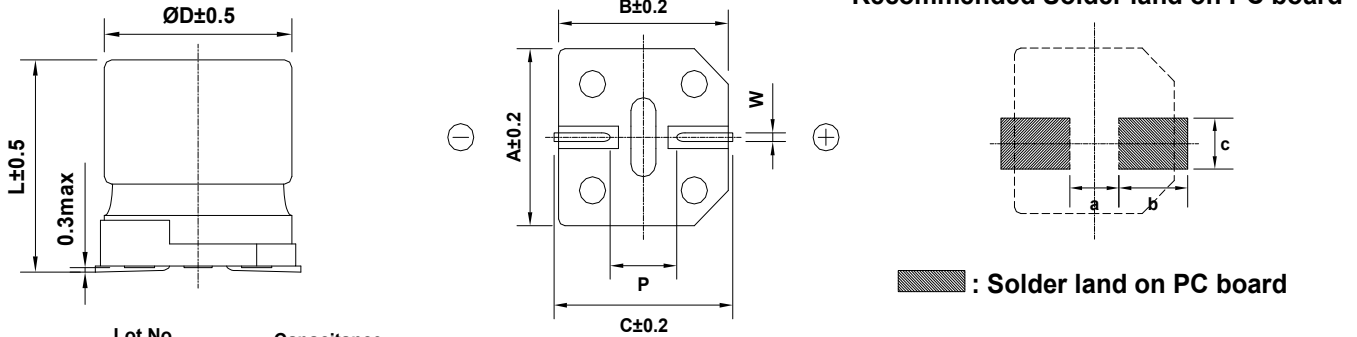


|   |  |
|---|--|
| <b>ALUMINUM ELECTROLYTIC CAPACITORS</b> | <b>APPROVAL NO.</b><br><b>6502</b>         |
| <b>BXJ 25 VC 330 (M)</b>                | <b>SERIES</b><br>BXJ                       |
|   | <b>RATING</b><br>25 V 330 $\mu$ F          |
|   | <b>CASE SIZE</b><br>$\varnothing$ 8 x 10 L |

**A. DIAGRAM OF DIMENSIONS**



| Case code | ØD | L  | A   | B   | C   | W       | P   | a   | b   | c   |
|-----------|----|----|-----|-----|-----|---------|-----|-----|-----|-----|
| H10       | 8  | 10 | 8.3 | 8.3 | 9.0 | 0.7-1.1 | 3.1 | 3.1 | 4.2 | 2.2 |

**B. ELECTRICAL CHARACTERISTICS**

- A. OPERATING TEMPERATURE RANGE : -55 ~ +105 °C
- B. RATED VOLTAGE : 25 V<sub>DC</sub>
- C. SURGE VOLTAGE : 32 V<sub>DC</sub>
- D. CAPACITANCE TOLERANCE : ± 20% at 20 °C, 120Hz
- E. LEAKAGE CURRENT : Lower 82.5  $\mu$ A, after 2 minutes at 20 °C
- F. DISSIPATION FACTOR (TAN $\delta$ ) : Lower 0.14 at 20 °C, 120Hz
- G. MAX. RIPPLE CURRENT : 600 mArms at 105 °C, 100kHz
- H. TEMPERATURE CHARACTERISTIC :  
 (Max. Impedance ratio)  $Z(-25^{\circ}\text{C}) / Z(20^{\circ}\text{C}) = \underline{2}$   
 $Z(-55^{\circ}\text{C}) / Z(20^{\circ}\text{C}) = \underline{3}$  (at 120Hz)
- I. LOAD LIFE : The following specifications shall be satisfied when the capacitors are restored to 20 °C after the rated voltage is applied for 5,000 hours at 105 °C.
  - # Capacitance change  $\leq$  ±35 % of the initial value
  - # Tan $\delta$   $\leq$  300 % of the initial specified value
  - # Leakage Current  $\leq$  The initial specified value
- J. SHELF LIFE : The following specifications shall be satisfied when the capacitors are restored to 20 °C after exposing them for 1,000 hours at 105 °C without voltage applied. The rated voltage shall be applied to the capacitors for a minimum of 30 minutes, at least 24 hours and not more than 48 hours before the measurement.
  - # Capacitance change  $\leq$  ±35 % of the initial value
  - # Tan $\delta$   $\leq$  300 % of the initial specified value
  - # Leakage Current  $\leq$  The initial specified value
- K. CLEANING CONDITIONS : Solvent - proof
- L. OTHERS : Satisfied characteristics KS C IEC 60384-4

※ IMP.(20 °C, 100kHz) : **0.16 ( $\Omega$ )** ↓

