

ALUMINUM ELECTROLYTIC CAPACITORS

APPROVAL NO.

BLA 35 VC 22 (M)

SERIES

BLA

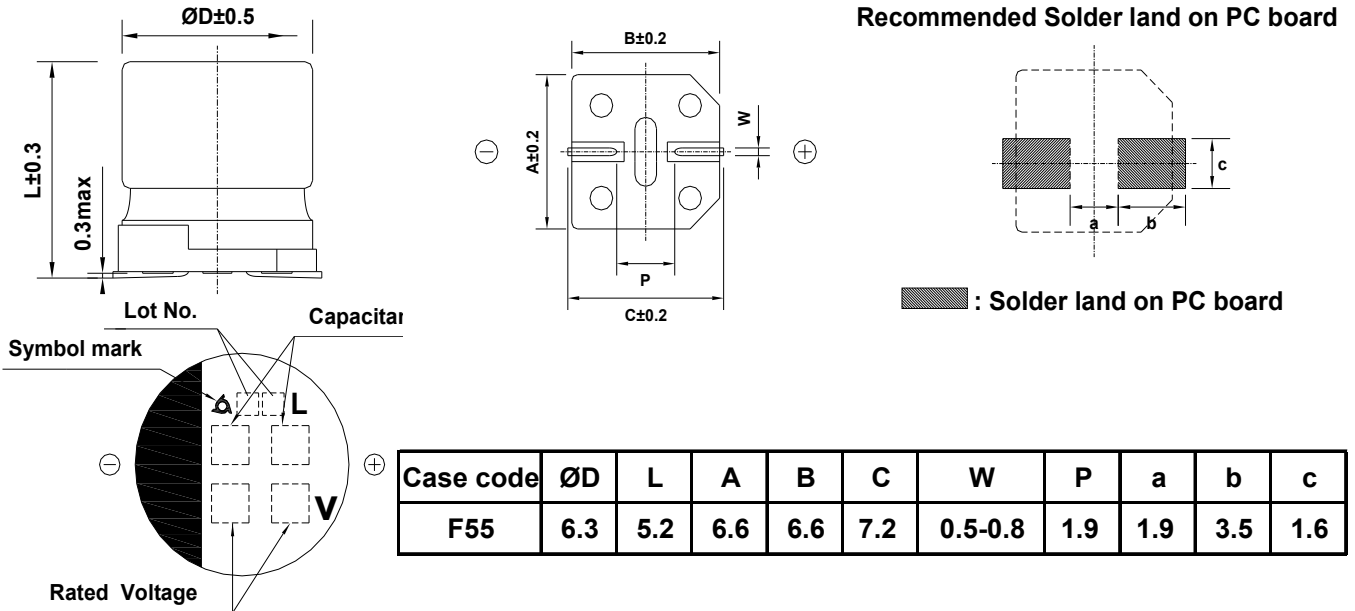
RATING

35 WV 22 μ F

CASE SIZE

\varnothing 6.3 \times 5.2L

A. DIAGRAM OF DIMENSION



B. ELECTRICAL CHARACTERISTICS

- A. OPERATING TEMPERATURE RANGE : **-40 ~ +105 °C**
- B. RATED VOLTAGE : **35 V_{DC}**
- C. SURGE VOLTAGE : **44 V_{DC}**
- D. CAPACITANCE TOLERANCE : **±20%** at 20°C, 120Hz
- E. LEAKAGE CURRENT : Lower **7.7 μ A**, after 2 minutes at 20°C
- F. DISSIPATION FACTOR (TAN δ) : Lower **0.13** at 20°C, 120Hz
- G. MAX. RIPPLE CURRENT : **40 mArms** at 105 °C, 120Hz
- H. TEMPERATURE CHARACTERISTIC :
- (Max. Impedance ratio) $Z(-25^{\circ}\text{C}) / Z(20^{\circ}\text{C}) = \underline{2}$
 $Z(-40^{\circ}\text{C}) / Z(20^{\circ}\text{C}) = \underline{3}$ (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 **±30%** of the initial value
 # Tan δ \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 **±30%** of the initial value
 # Tan δ \leq **300%** of the initial specified value
 # Leakage Current \leq The initial specified value
- K. CLEANING CONDITIONS : Solvent proof → Refer to Cleaning conditions (Page 6)
- L. OTHERS : Satisfied characteristics W of KS C 6421

