

ALUMINUM ELECTROLYTIC CAPACITORS

APPROVAL NO.

BXJ 50 VC 22 (M)

SERIES

BXJ

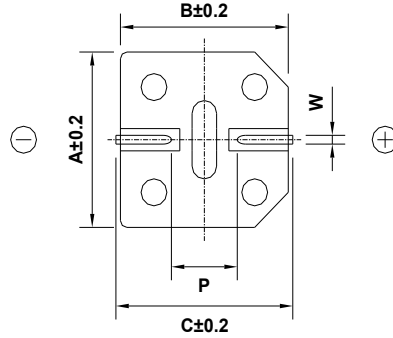
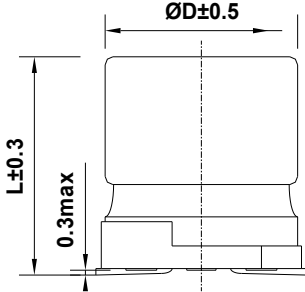
RATING

50 WV 22 μ F

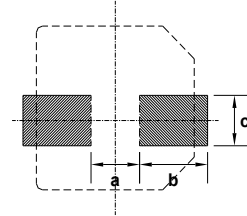
CASE SIZE

\varnothing 6.3 \times 5.7L

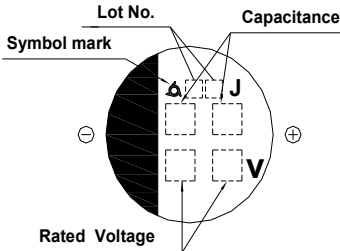
A. DIAGRAM OF DIMENSIONS



Recommended Solder land on PC board



▨ : Solder land on PC board



Case code	ØD	L	A	B	C	W	P	a	b	c
F60	6.3	5.7	6.6	6.6	7.2	0.5-0.8	1.9	1.9	3.5	1.6

B. ELECTRICAL CHARACTERISTICS

- A. OPERATING TEMPERATURE RANGE : -40 ~ +105 °C
- B. RATED VOLTAGE : 50 V_{DC}
- C. SURGE VOLTAGE : 63 V_{DC}
- D. CAPACITANCE TOLERANCE : ±20% at 20 °C, 120Hz
- E. LEAKAGE CURRENT : Lower 11 μ A, after 2 minutes at 20 °C
- F. DISSIPATION FACTOR (TAN δ) : Lower 0.12 at 20 °C, 120Hz
- G. MAX. RIPPLE CURRENT : 120 mArms at 105 °C, 100 kHz
- H. TEMPERATURE CHARACTERISTIC :
 (Max. Impedance ratio) Z(-25 °C) / Z(20 °C) = 2
 Z(-40 °C) / Z(20 °C) = 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 2,000 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 7)
- L. OTHERS : Satisfied characteristics W of KS C 6421

※ IMP.(20 °C, 100kHz) : **1.2 (Ω)** ↓

