

ALUMINUM ELECTROLYTIC CAPACITORS	APPROVAL NO. 6484
BXJ 6.3 VC 1000 (M)	SERIES BXJ
	RATING 6.3 V 1000 μ F
	CASE SIZE \varnothing 8 x 10 L

A. DIAGRAM OF DIMENSIONS

Recommended Solder land on PC board

█ : Solder land on PC board

Note 1 : 6.3WV is marked by 6V

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 : 6.3 V_{DC}
- C. SURGE VOLTAGE : 8 V_{DC}
- D. CAPACITANCE TOLERANCE : ± 20% at 20 °C, 120Hz
- E. LEAKAGE CURRENT : Lower 63 μ A, after 2 minutes at 20 °C
- F. DISSIPATION FACTOR (TAN δ) : Lower 0.26 at 20 °C, 120Hz
- G. MAX. RIPPLE CURRENT : 600 mArms at 105 °C, 100kHz
- H. TEMPERATURE CHARACTERISTIC :
 - (Max. Impedance ratio) $Z(-25\text{°C}) / Z(20\text{°C}) = \underline{3}$
 - $Z(-55\text{°C}) / Z(20\text{°C}) = \underline{5}$ (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 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 ±35 % 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
- L. OTHERS : Satisfied characteristics KS C IEC 60384-4

※ IMP.(20 °C, 100kHz) : **0.16 (Ω)** ↓

