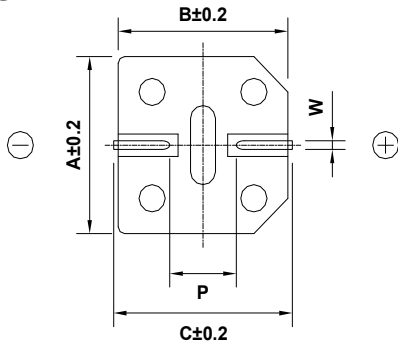
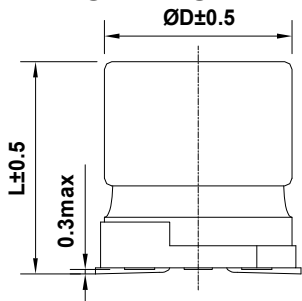
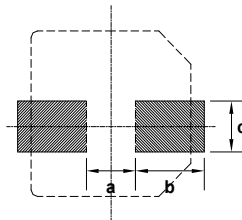


ALUMINUM ELECTROLYTIC CAPACITORS	APPROVAL NO.	
	3452	
BXJ 100 VC 100 (M)	SERIES	BXJ
	RATING	100 WV 100 μ F
	CASE SIZE	\varnothing 12.5 x 13.5L

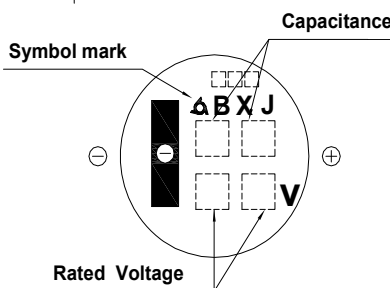
A. DIAGRAM OF DIMENSIONS



Recommended Solder land on PC board



█ : Solder land on PC board



Case code	ØD	L	A	B	C	W	P	a	b	c
K14	12.5	13.5	13.0	13.0	13.7	1.0-1.3	4.2	4.0	5.7	2.5

B. ELECTRICAL CHARACTERISTICS

- A. OPERATING TEMPERATURE RANGE : **-40 ~ +105 °C**
- B. RATED VOLTAGE : **100 V_{DC}**
- C. SURGE VOLTAGE : **125 V_{DC}**
- D. CAPACITANCE TOLERANCE : **± 20%** at 20 °C, 120Hz
- E. LEAKAGE CURRENT : Lower **100 μ A**, after 2 minutes at 20 °C
- F. DISSIPATION FACTOR (TAN δ) : Lower **0.12** at 20 °C, 120Hz
- G. MAX. RIPPLE CURRENT : **400 mArms** at 105 °C, 100 kHz
- H. TEMPERATURE CHARACTERISTIC :
 (Max. Impedance ratio) $Z(-25^{\circ}\text{C}) / Z(20^{\circ}\text{C}) = \frac{3}{4}$
 $Z(-40^{\circ}\text{C}) / Z(20^{\circ}\text{C}) = \frac{4}{4}$ (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 : Non-solvent proof

L. OTHERS : Satisfied characteristics KS C W of KS 6421

※ IMP.(20 °C, 100kHz) : **0.40 (Ω) ↓**

