

## ALUMINUM ELECTROLYTIC CAPACITORS

APPROVAL NO.

6491

BXJ 35 VC 10 (M)

SERIES

BXJ

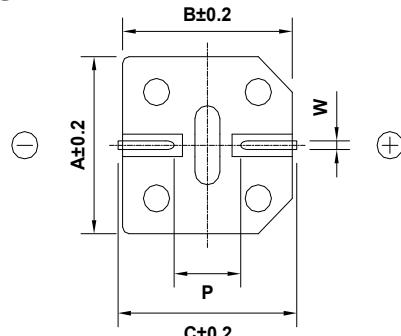
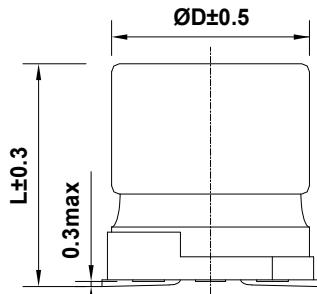
RATING

35 V 10  $\mu$ F

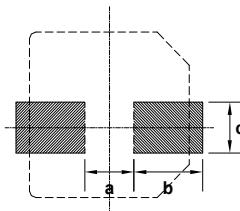
CASE SIZE

 $\varnothing$  5 x 5.3 L

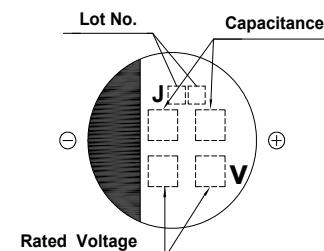
## A. DIAGRAM OF DIMENSIONS



Recommended Solder land on PC board



■ : Solder land on PC board



Case code	$\varnothing$ D	L	A	B	C	W	P	a	b	c
E56	5	5.3	5.3	5.3	5.9	0.5-0.8	1.4	1.4	3.0	1.6

## B. ELECTRICAL CHARACTERISTICS

- A. OPERATING TEMPERATURE RANGE : -55 ~ +105 °C  
 B. RATED VOLTAGE : 35 V<sub>DC</sub>  
 C. SURGE VOLTAGE : 44 V<sub>DC</sub>  
 D. CAPACITANCE TOLERANCE : ± 20% at 20°C, 120Hz  
 E. LEAKAGE CURRENT : Lower 3.5  $\mu$ A, after 2 minutes at 20°C  
 F. DISSIPATION FACTOR (TANδ) : Lower 0.12 at 20°C, 120Hz  
 G. MAX. RIPPLE CURRENT : 155 mA rms at 105 °C, 100kHz  
 H. TEMPERATURE CHARACTERISTIC :  
     (Max. Impedance ratio) Z(-25°C) / Z(20°C) = 2  
     Z(-55°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 ≤ ±30 % of the initial value  
 # Tanδ ≤ 300 % of the initial specified value  
 # Leakage Current ≤ 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.

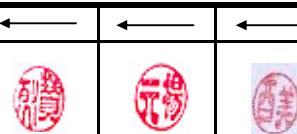
The rated voltage shall be applied to the capacitors for a minimum of 30 minutes, at least 24 hours and not more than 48 hours before the measurement.

- # Capacitance change ≤ ±30 % of the initial value  
 # Tanδ ≤ 300 % of the initial specified value  
 # Leakage Current ≤ The initial specified value

K. CLEANING CONDITIONS : Solvent - proof

L. OTHERS : Satisfied characteristics KS C IEC 60384-4

\* IMP.(20 °C, 100kHz) : 0.80 ( $\Omega$ ) ↓



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