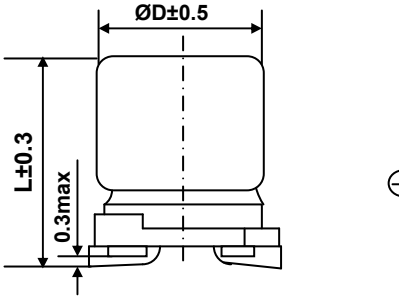
ALUMINUM ELECTROLYTIC CAPACITORS

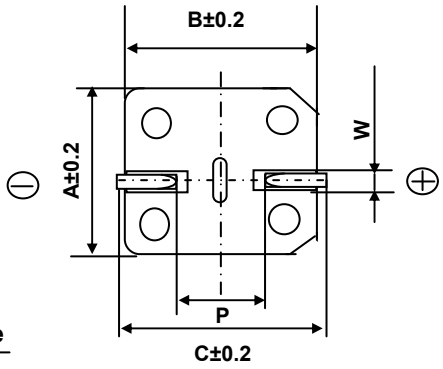
APPROVAL NO.

BXJ 25 VC 10 (M)

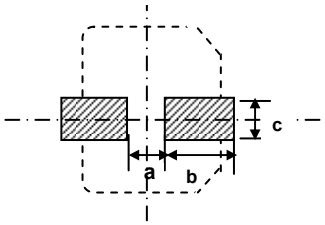
SERIES	BXJ
RATING	25 WV 10 ㎌
CASE SIZE	Ø4 × 5.3L

A. DIAGRAM OF DIMENSION

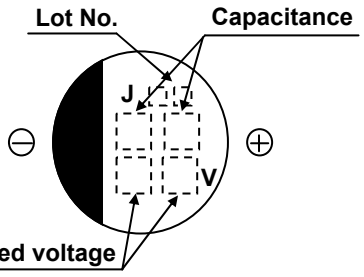




Recommended solder land on PC board



: Solder land on PC board



Case code	ØD	L	A	B	C	W	P	a	b	c
D56	4	5.3	4.3	4.3	5.1	0.5-0.8	1	1	2.6	1.6

B. ELECTRICAL CHARACTERISTICS

A. OPERATING TEMPERATURE RANGE : -55 ~ +105 ℃
B. RATED VOLTAGE : 25 V_{DC}
C. SURGE VOLTAGE : 32 V_{DC}
D. CAPACITANCE TOLERANCE : ± 20% at 20℃, 120㎐
E. LEAKAGE CURRENT : Lower 3 ㎂, after 2 minutes at 20℃
F. DISSIPATION FACTOR (TANδ) : Lower 0.14 at 20℃, 120㎐
G. MAX. RIPPLE CURRENT : 85 mArms at 105 ℃, 100 ㎑
H. TEMPERATURE CHARACTERISTIC :
(Max. Impedance ratio) Z(-25℃) / Z(20℃) = 2
Z(-55℃) / Z(20℃) = 3 (at 120㎐)

I. LOAD LIFE : The following specifications shall be satisfied when the capacitors are restored to 20℃ after the rated voltage is applied for 2,000 hours at 105 ℃.
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℃ after exposing them for 1,000 hours at 105 ℃ 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 charateristics W of KS C 6421

※ IMP.(20℃,100㎑) : 1.8 (Ω) ↓

SamYoung Electronics Co., Ltd.