

ALUMINUM ELECTROLYTIC CAPACITORS

APPROVAL NO.

BLA 16 VC 22 (M)

SERIES

BLA

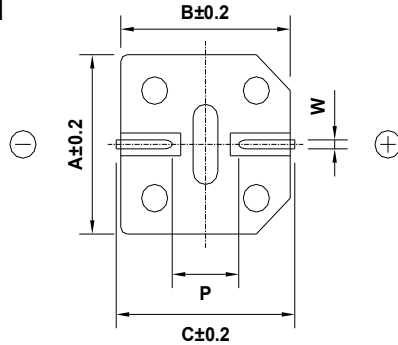
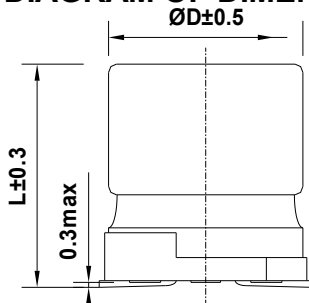
RATING

16 WV 22 μ F

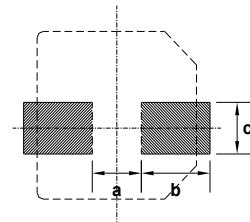
CASE SIZE

$\varnothing 5 \times 5.2L$

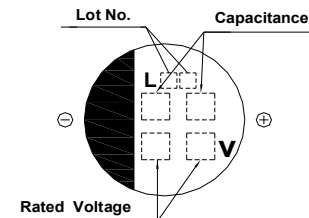
A. DIAGRAM OF DIMENSION



Recommended Solder land on PC board



: Solder land on PC board



Case code	$\varnothing D$	L	A	B	C	W	P	a	b	c
E55	5	5.2	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 : -40 ~ +105 °C
- B. RATED VOLTAGE : 16 V_{DC}
- C. SURGE VOLTAGE : 20 V_{DC}
- D. CAPACITANCE TOLERANCE : ± 20% at 20 °C, 120Hz
- E. LEAKAGE CURRENT : Lower 3.52 μ A, after 2 minutes at 20 °C
- F. DISSIPATION FACTOR (TAN δ) : Lower 0.20 at 20 °C, 120Hz
- G. MAX. RIPPLE CURRENT : 30 mArms at 105 °C, 120Hz
- H. TEMPERATURE CHARACTERISTIC :

* Max. Impedance ratio $Z(-25^{\circ}\text{C}) / Z(20^{\circ}\text{C}) = \underline{2}$
 $Z(-40^{\circ}\text{C}) / Z(20^{\circ}\text{C}) = \underline{5}$ (at 120Hz)

I. LOAD LIFE : The following specifications shall be satisfied when the capacitors are restored to 20 °C after the rated voltage applied for 5,000 hours at 105 °C.

- # Capacitance change $\leq \pm 30\%$ 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 $\leq \pm 30\%$ 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 6)

L. OTHERS : Satisfied characteristics W of KS C 6421

