

ALUMINUM ELECTROLYTIC CAPACITORS

APPROVAL NO.

BLA 25 VC 33 (M)

SERIES

BLA

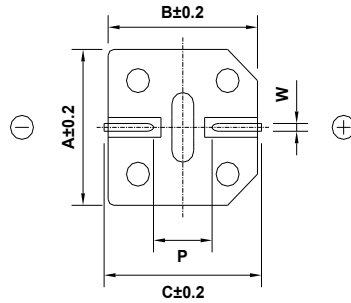
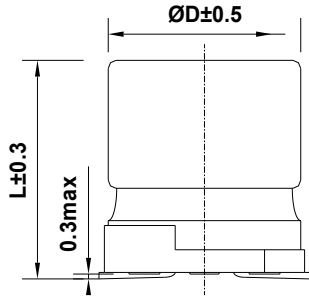
RATING

25 V 33 μ F

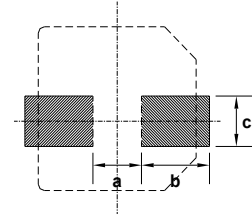
CASE SIZE

\varnothing 6.3 x 5.2L

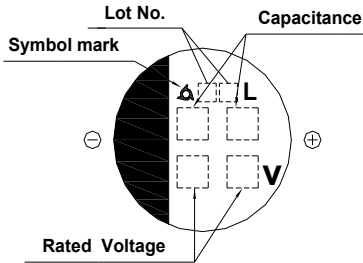
A. DIAGRAM OF DIMENSION



Recommended Solder land on PC board



█ : Solder land on PC board



Case code	ØD	L	A	B	C	W	P	a	b	c
F55	6.3	5.2	6.6	6.6	7.2	0.5-0.8	1.9	1.9	3.5	1.6

B. ELECTRICAL CHARACTERISTICS

- A. OPERATING TEMPERATURE RANGE : **-40 ~ +105 °C**
- B. RATED VOLTAGE : **25 V_{DC}**
- C. SURGE VOLTAGE : **32 V_{DC}**
- D. CAPACITANCE TOLERANCE : **±20%** at 20°C, 120Hz
- E. LEAKAGE CURRENT : **Lower 8.25 μ A**, after 2 minutes at 20°C
- F. DISSIPATION FACTOR (TAN δ) : **Lower 0.16** at 20°C, 120Hz
- G. MAX. RIPPLE CURRENT : **48 mArms** at 105 °C, 120Hz
- H. TEMPERATURE CHARACTERISTIC :
- (Max. Impedance ratio) $Z(-25^{\circ}\text{C}) / Z(20^{\circ}\text{C}) = \underline{2}$
 $Z(-40^{\circ}\text{C}) / Z(20^{\circ}\text{C}) = \underline{3}$ (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 **5,000** hours at **105 °C**.
- # Capacitance change \leq **±30 %** of the initial value
 - # Tan δ \leq **300 %** of the initial specified value
 - # Leakage Current \leq The initial specified value
- K. 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 **±30 %** of the initial value
 - # Tan δ \leq **300 %** of the initial specified value
 - # Leakage Current \leq The initial specified value
- L. CLEANING CONDITIONS : Solvent proof → Refer to Cleaning conditions (Page 6)
- N. OTHERS : Satisfied characteristics W of KS C IEC 60384-4

