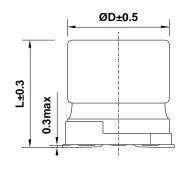
ALUMINUM ELECTROLYTIC CAPACITORS

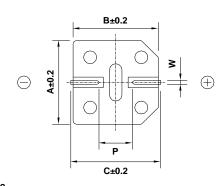
APPROVAL NO.

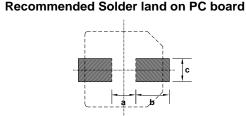
VC BLA 6.3 100 (M)

SERIES	BLA			
RATING	6.3 V 100 μF			
CASE SIZE	Ø6.3 × 5.2L			

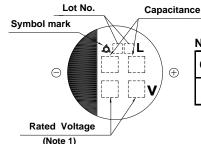
A. DIAGRAM OF DIMENSION







: Solder land on PC board



Note 1: 6.3 WV is marked by 6V

Case code	ØD	L	Α	В	С	W	Р	а	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℃

B. RATED VOLTAGE : 6.3 V_{DC} : 8 V_{DC} C. SURGE VOLTAGE

D. CAPACITANCE TOLERANCE : <u>± 20%</u> at 20℃, 120Hz

E. LEAKAGE CURRENT : Lower 6.3 µA , after 2 minutes at 20 ℃

F. DISSIPATION FACTOR (TANδ) : Lower 0.28 at 20°C, 120Hz **G. MAX. RIPPLE CURRENT** : 52 mArms at 105 °C , 120 Hz

H. TEMPERATURE CHARACTERISTIC

* Max.Impedance ratio $Z(-25^{\circ}) / Z(20^{\circ}) =$

> $Z(-40^{\circ}C) / Z(20^{\circ}C) =$ 10 (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 $\leq \pm 30\%$ 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 $\leq \pm 30\%$ of the initial value

Tanδ ≤ 300 % of the initial specified value

Leakage Current ≤ The initial specified value

K. CLEANING CONDITIONS: Solvent-proof

: Satisfied characteristics KS C IEC 60384-4

-	←	•
		美面