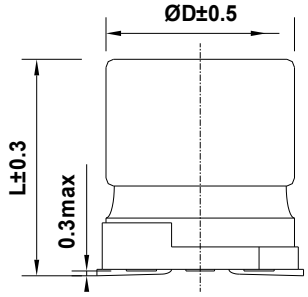
ALUMINUM ELECTROLYTIC CAPACITORS

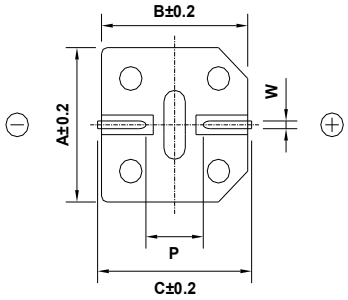
APPROVAL NO.

BLA 16 VC 220 (M)

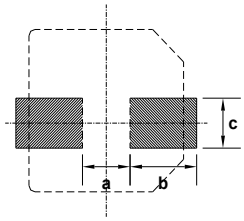
SERIES	BLA
RATING	16 WV 220 ㎌
CASE SIZE	Ø 6.3× 7.7 L

A. DIAGRAM OF DIMENSION

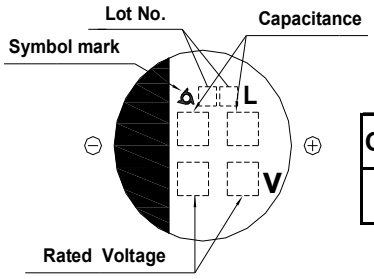




Recommended Solder land on PC board



: Solder land on PC board



Case code	ØD	L	A	B	C	W	P	a	b	c
F80	6.3	7.7	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 : 16 V_{DC}

C. SURGE VOLTAGE : 20 V_{DC}

D. CAPACITANCE TOLERANCE : ± 20% at 20℃, 120㎐

E. LEAKAGE CURRENT : Lower 35.2 ㎂ , after 2 minutes at 20℃

F. DISSIPATION FACTOR (TANδ) : Lower 0.20 at 20℃ , 120㎐

G. MAX. RIPPLE CURRENT : 120 mArms at 105℃ , 120㎐

H. TEMPERATURE CHARACTERISTIC :

* Max.Impedance ratio Z(-25℃) / Z(20℃) = 2

Z(-40℃) / Z(20℃) = 5 (at 120㎐)

I. LOAD LIFE : The following specifications shall be satisfied when the capacitors are restored to 20℃ after the rated voltage applied for 5,000 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→Refer to Cleaning conditions (Page 6)

L. OTHERS : Satisfied characteristics W of KS C 6421