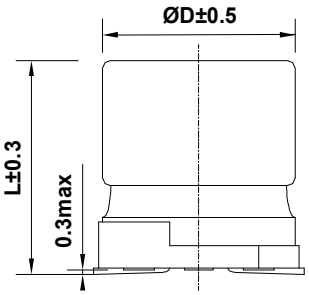
ALUMINUM ELECTROLYTIC CAPACITORS

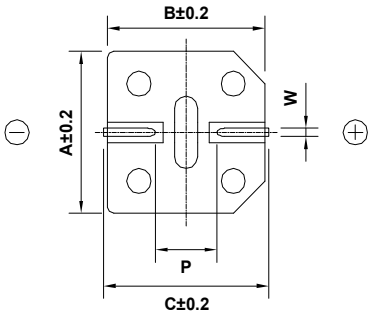
APPROVAL NO. 6775

BLA 16 VC 4.7 (M)

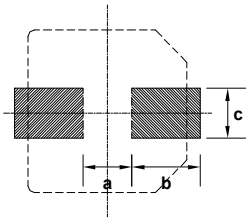
SERIES	BLA
RATING	16 V 4.7 ㎌
CASE SIZE	Ø4 × 5.2L

A. DIAGRAM OF DIMENSION

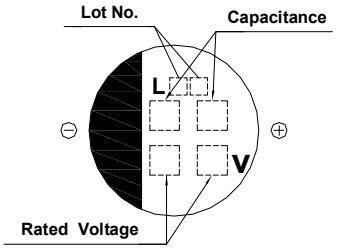




Recommended Solder land on PC board



: Solder land on PC board



Case code	ØD	L	A	B	C	W	P	a	b	c
D55	4	5.2	4.3	4.3	5.1	0.5 ~ 0.8	1.0	1.0	2.6	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 3 ㎂ , after 2 minutes at 20℃
F. DISSIPATION FACTOR (TANδ) : Lower 0.20 at 20℃ , 120㎐
G. MAX. RIPPLE CURRENT : 11 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
L. OTHERS : Satisfied characteristics KS C IEC 60384-4