ALUMINUM ELECTROLYTIC CAPACITORS

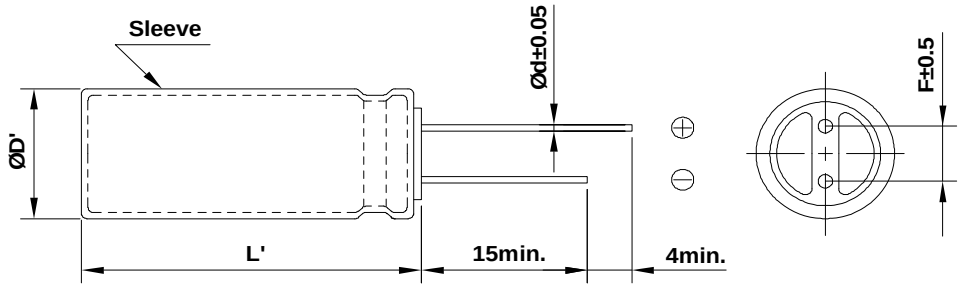
APPROVAL NO. 7876

SRA 25 VB 100 (M)

SERIES	SRA
RATING	25 V 100 ㎌
CASE SIZE	Ø 6.3 × 7 L

A. DIAGRAM OF DIMENSION

[UNIT : ㎜]



ØD	6.3
L	7
Ød	0.45
F	2.5
ØD'	ØD+0.5max.
L'	L+1.0max.

B. MARKING: BLACK SLEEVE & WHITE INK

LOT NO CASE 각인

25 V
100 ㎌
SRA
<M>85℃

or

LOT NO TUBE 각인

SRA
25 V
100 ㎌
<M> 85℃
LOT NO.

B. ELECTRICAL CHARACTERISTICS

A. OPERATING TEMPERATURE RANGE : - 40 ~ +85℃

B. RATED VOLTAGE : 25 V_{DC}

C. SURGE VOLTAGE : 32 V_{DC}

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

E. LEAKAGE CURRENT : Lower 25 ㎂ , after 2 minutes at 20℃

F. DISSIPATION FACTOR (TAN δ) : Lower 0.14 at 20℃ , 120㎐

G. RATED RIPPLE CURRENT : 101 mArms at 85℃ , 120㎐

H. TEMPERATURE CHARACTERISTIC (Max.Impedance ratio) :

Z(-25℃) / Z(20℃)	2
Z(-40℃) / Z(20℃)	4

(at 120㎐)

I. LOAD LIFE : The following specifications shall be satisfied when the capacitors are restored to 20℃ after the rated voltage is applied for 2,000 hours at 85℃.

Capacitance change ≤ ±25% of the initial value

Tan δ ≤ 200% 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 85℃ 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 ≤ ±20% of the initial value

Tan δ ≤ 200% of the initial specified value

Leakage Current ≤ 200% of the initial specified value

K. CLEANING CONDITIONS : Non-solvent proof

L. OTHERS : Satisfied characteristics KS C IEC 60384-4