

ALUMINUM ELECTROLYTIC CAPACITORS

APPROVAL NO.

10021

BDA 35 VC 47 (M)

SERIES

BDA

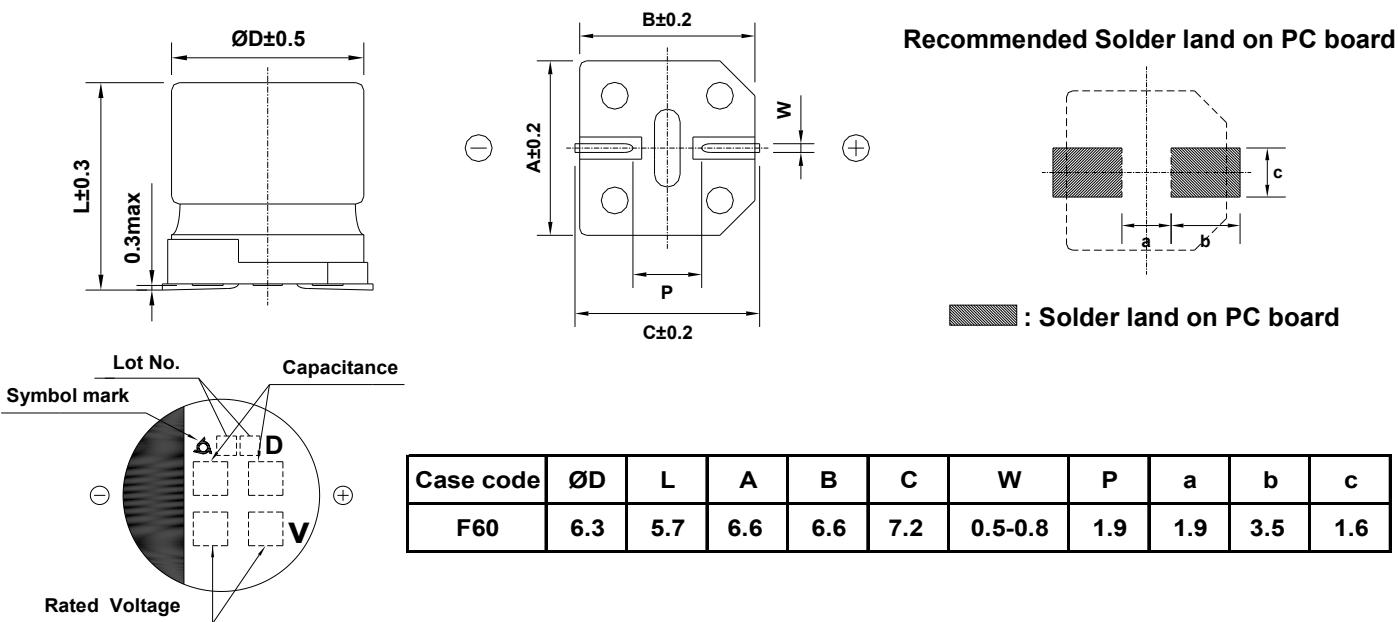
RATING

35 V 47 μ F

CASE SIZE

 \varnothing 6.3 x 5.7L

A. DIAGRAM OF DIMENSIONS



B. ELECTRICAL CHARACTERISTICS

- A. OPERATING TEMPERATURE RANGE
- B. RATED VOLTAGE
- C. SURGE VOLTAGE
- D. CAPACITANCE TOLERANCE
- E. LEAKAGE CURRENT
- F. DISSIPATION FACTOR (TAN δ)
- G. RATED RIPPLE CURRENT
- H. RATED RIPPLE CURRENT MULTIPLIERS
(Frequency Multipliers)

	Freq.(Hz)	120	1k	10k	100k
Factor	1.00	1.05	1.08	1.08	

- I. TEMPERATURE CHARACTERISTIC
(Max. impedance ratio)

Z(-25°C) / Z(20°C)	2
Z(-40°C) / Z(20°C)	3

(at 120Hz)

- J. LOAD LIFE : The following specifications shall be satisfied when the capacitors are restored to 20°C after the rated voltage is applied for 2,000 hours at 105°C.

# Capacitance change	$\leq \pm 20\%$ of the initial value
# Tan δ	$\leq 200\%$ 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	$\leq \pm 20\%$ of the initial value
# Tan δ	$\leq 200\%$ of the initial specified value
# Leakage Current	\leq The initial specified value

- L. CLEANING CONDITIONS : Solvent proof

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



SamYoung Electronics Co., Ltd.