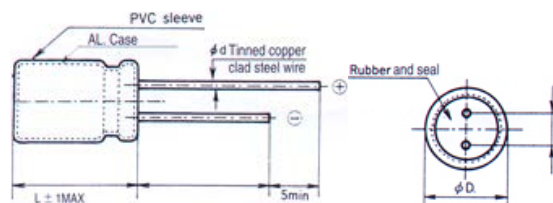




SSseries MINIATURE SIZE **SK**series ULTRA MINIATURE SIZE

Item	Characteristics							
Operating Temperature Range	- 40~+105°C							
Rated Working Voltage Range	10V~50V DC							
Capacitance Tolerance (120Hz,25°C)	± 20% (M)							
Leakage Current (25°C)	$I \leq 0.01CV$ or $3(\mu A)$ I: Leakage Current (μA) C: Rated Capacitance(μF) V: Working Voltage(V) After 3 minutes applying the DC working voltage							
Surge Voltage (25°C)	W.V.	6.3	10	16	25	35	50	63
	S.V.	8	13	20	32	44	63	79
Dissipation Fator (122Hz,25°C) (Tan. θ)	W.V.	6.3	10	16	25	35	50	63
	S.V.	0.25	0.20	0.17	0.15	0.12	0.10	0.10
Temperature Characteristics	W.V.	6.3	10	16	25	35	50	63
	-25°C/+25°C	6	4	3	3	2	5	2
	-40°C/+25°C	10	8	6	4	3	3	3
Impedance ratio at 120Hz								
Load Test	After 1000 hours application of W.V. at +105°C the capacitor shall meet the following limits							
	Capacitance change	$\leq \pm 20\%$ of initial value						
	Tan. θ	$\leq 200\%$ of initial specified value						
Shelf Test	After 500 hours application of W.V. at +105°C the capacitor shall meet the following limits							
	Capacitance change	$\leq \pm 20\%$ of initial value						
	Tan. θ	$\leq 200\%$ of initial specified value						
	Leakage current	\leq initial specified value						

SS
SK Dimensions



Unit (mm)



ORDERING INFORMATION

OPTIONAL DIMENSIONS AND LEAD SPACING (IF NOT STANDARD)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)																																																																																																																																											
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ORDERING DESCRIPTION

- CAPACITOR SERIES
- CAPACITANCE CODE expressed in microfarads (μF) with three digit codes. The first two digits are significant ("R" indicates decimal point for under 10 μF) and the third digit represents the number of zeros to be added following the 2nd significant figure.
- TOLERANCE CODE [(M) is standard]
- RATED VOLTAGE in volts
- PACKAGING AND LEAD CONFIGURATION CODES
- SIZE (DIAMETER x HEIGHT in mm)
- LEAD SPACING in mm (Not applicable for AXIAL TYPE)
- LEAD LENGTH in mm (For lead cut only)

When placing an order for A-CAP ELECTROLYTIC CAPACITORS, product specifications are applied to develop part numbers as shown below:

EXAMPLE:

General purpose 1000 μF / 50 Volts / 20% / Radial Lead Cut / Lead spacing = 7.5mm / Lead Length = 7.5mm

NOTE: For Capacitance Value 1000 μF , 1 & 0 are significant digits then 2 zeros follow the 2nd significant digit = Code 102

SR 102 M 050 C 1626 F 7.5

EXAMPLE:

High temperature load 470 μF / 25 Volts / 20% Radial Type (Tape & Reel) / Lead spacing = 5.0mm

NOTE: For Capacitance Value 470 μF , 4 & 7 are significant digits then 1 zero follows the 2nd significant digit = Code 471

GR 471 M 025 T 1021 E