

RADIAL TYPE SK SERIES

Su'scon P/N	Cap.(μF) Tol.±20%	Rated Volt.(V)	Surge Volt.(V)	Oper. Temp.(°C)	Case Size D*L(mm)	LC max.(μA)	D.F. max (%)	R.C max. (mA rms)	Load Life (Hours)
SK160M1R0D11PKKKS00R	1	160	200	105	5x11	3	20	15	2000

● SPECIFICATION

Operating Temperature Range 適用溫度範圍	- 40 ~ +105℃						- 40 ~ +105℃				- 25 ~ +105℃	
Rated Voltage Range 額定電壓範圍	6.3 ~ 100VDC						160 ~ 250VDC				350 ~ 500VDC	
Leakage Current 洩漏電流	I≤0.01CV or 3 (μA) , which is greater (After 2 minutes application of rated voltage, at 20 ℃)						I≤0.03CV+20 (μA) , (After 3 minutes application of rated voltage, at 20 ℃)					
Dissipation Factor 散逸因素 (tan δ)	Rated Voltage(V)	6.3	10	16	25	35	50	63	80	100	160~250	350~500
	tanδ (MAX)	0.24	0.20	0.16	0.15	0.12	0.10	0.09	0.08	0.08	0.20	0.25
	When nominal capacitance over 1000μF, 0.02 shall be added every 1000μF increase.											
Standards 參照標準	JIS C 5101-4 (IEC 60384)											

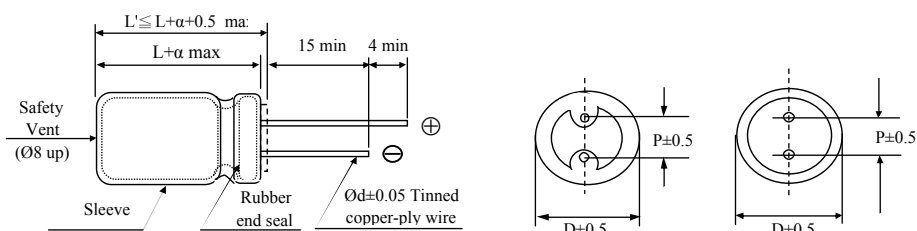
REMARKS:

- 1. Dissipation Factor Test:** at 20℃, 120 Hz.
- 2. Capacitance Test:** at 20℃, 120 Hz.
- 3. Ripple Current Test:** at 105℃, 120 Hz .
- 4. Load Life:** 2000 hours, with application of rated voltage at 105℃ .
Capacitance Change: Within±20% of initial value;
tanδ: 200% or less of initial specified value;
Leakage Current: Initial specified value or less;
- 5. Shelf Life:** 1000 hours, no voltage applied, at 105℃ ;
Capacitance Change : Within±20% of initial value;
tanδ: 200% or less of initial specified value;
Leakage Current: Initial specified value or less;

● FREQUENCY COEFFICIENTS

Rated Voltage(V)	Capacitance (μF)	Frequency (Hz)			
		50	120	1K	≤ 20K
≤ 100	< 100	0.75	1.00	1.57	2.00
	100 ~ 470	0.80	1.00	1.34	1.50
	> 470	0.85	1.00	1.10	1.15
≥ 160	0.47 ~ 470	0.85	1.00	1.40	1.50

● DIMENSIONS(mm)



ØD	5	6.3	8	10	13	14.5	16	18	22	25
P	2.0	2.5	3.5	5.0	5.0	7.5	7.5	7.5	10	12.5
Ød	0.5	0.5	0.5	0.6	0.6	0.8	0.8	0.8	0.8	1.0

α	(L < 16) 1.0
	(L ≥ 16) 2.0