

SDA

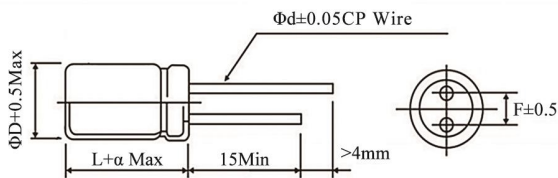
- ◆ 70°C 1000 Hours
- ◆ Standard Product 2.7V.DC
- ◆ High Energy, High Power, Long Charge and Discharge Life Cycle
- ◆ RoHS, REACH Compliant



Specifications

Items	Characteristics	
Temperature Range	-40°C~+70°C	
Rated Voltage Range	2.7V.DC	
Capacitance Range	-10%~+30%(20°C)	
Temperature Characteristics	Capacitance change	$ \Delta c/c(+20^\circ\text{C}) \leq 30\%$
	ESR	400% or less than the initial value (-25°C)
Endurance	The specification should be met when the capacitors are restored to 20°C after the rated voltage is applied for 1000 hours at 70°C.	
	Capacitance change	Within $\pm 30\%$ of the initial capacitance value
	ESR	300% or less than the initial specified value
Shelf Life	The specification should be met when the capacitors are restored to 20°C after storing under no load for 1000 hours at 70°C.	
	Capacitance change	Within $\pm 30\%$ of the initial capacitance value
	ESR	300% or less than the initial specified value
Humidity	The specification should be met when the capacitors are restored to 20°C after the rated voltage is applied for 500 hours at +25°C 90%R.H.	
	Capacitance change	Within $\pm 30\%$ of the initial capacitance value
	ESR	300% or less than the initial specified value

Standard Size (Size:mm)



L≤16	a=1.5
L>16	a=2.0

D	8	10	12.5	16	18	22
d	0.6	0.6	0.6	0.8	0.8	0.8
F	3.5	5	5	7.5	7.5	10

Product Size

Series	Rated Voltage (Vdc)	Capacitance Range (F)	Size ΦD×L (mm)	ESR (mΩ/20°C, 1KHz)	72h LC(μA)	Part Number
SDA	2.7	1	8×11.5	120	3	SDA 2R7 L 105 0812
	2.7	2	8×13	160	4	SDA 2R7 L 205 0813
	2.7	3.3	8×20	95	6	SDA 2R7 L 335 0820
	2.7	3.3	10×13	90	6	SDA 2R7 L 335 1013
	2.7	5	8×25	85	10	SDA 2R7 L 505 0825
	2.7	5	10×20	70	10	SDA 2R7 L 505 1020
	2.7	7	10×20	70	14	SDA 2R7 L 705 1020
	2.7	10	10×25	60	20	SDA 2R7 L 106 1025
	2.7	10	10×30	50	20	SDA 2R7 L 106 1030
	2.7	10	12.5×20	50	20	SDA 2R7 L 106 1320
	2.7	15	12.5×25	40	30	SDA 2R7 L 156 1325
	2.7	25	16×25	27	50	SDA 2R7 L 256 1625
	2.7	50	18×40	18	100	SDA 2R7 L 506 1840
	2.7	70	18×50	18	140	SDA 2R7 L 706 1850
	2.7	100	22×45	16	160	SDA 2R7 L 107 2245
2.7	160	22×55	14	180	SDA 2R7 L 167 2255	