

SDL

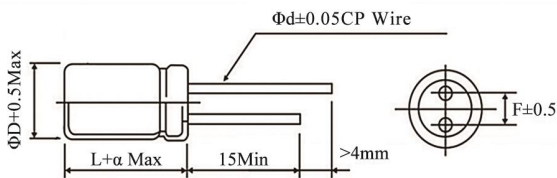
- ◆ 70°C 1000 Hours
- ◆ 2.7V Low ESR
- ◆ High Energy, High Power, Low ESR, Fast Charge and Discharge, Long Charge and Discharge Life
- ◆ RoHS, REACH Compliant



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 ±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 ±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 ±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
SDL	2.7	1	8×11.5	160	2	SDL 2R7 L 105 0812
	2.7	2	8×13	120	4	SDL 2R7 L 205 0813
	2.7	3.3	8×20	80	6	SDL 2R7 L 335 0820
	2.7	3.3	10×16	70	6	SDL 2R7 L 335 1016
	2.7	5	8×25	65	10	SDL 2R7 L 505 0825
	2.7	5	10×20	50	10	SDL 2R7 L 505 1020
	2.7	7	10×20	45	14	SDL 2R7 L 705 1020
	2.7	10	10×25	35	20	SDL 2R7 L 106 1025
	2.7	10	10×30	30	20	SDL 2R7 L 106 1030
	2.7	10	12.5×20	30	20	SDL 2R7 L 106 1320
	2.7	15	12.5×25	25	30	SDL 2R7 L 156 1325
	2.7	25	16×25	24	50	SDL 2R7 L 256 1625
	2.7	50	18×40	15	100	SDL 2R7 L 506 1840
	2.7	100	22×45	14	120	SDL 2R7 L 107 2245
2.7	160	22×55	12	140	SDL 2R7 L 167 2255	