

SDL

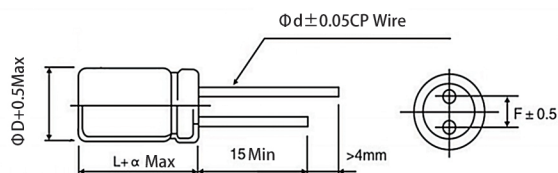
- ◆ 70°C 1000 Hours
- ◆ 2.7V Low ESR
- ◆ High Energy, Small Size, Long Charge And Discharge Life
- ◆ RoHS, REACH Compliant



■ Specification

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

■ Standard Size



$L \leq 16$	$a = 1.5$
$L > 16$	$a = 2.0$

D	5.0	6.3	8	10	12.5	16	18
d	0.5	0.5	0.6	0.6	0.6	0.8	0.8
F	2.0	2.5	3.5	5.0	5.0	7.5	7.5

■ Product Size

Series	Voltage (VDC)	Capacitance (F)	Size $\Phi D \times L$ (mm)	ESR (m Ω /20°C, 1KHz)	72h LC(μ A)	Part Number
SDL	2.7	0.5	5.0 × 12	260	2	SDL2R7L5040512
	2.7	1.0	6.3 × 11	180	2	SDL2R7L1050611
	2.7	1.5	6.3 × 15	160	3	SDL2R7L1550615
	2.7	2.0	8.0 × 13	120	4	SDL2R7L2050813
	2.7	3.3	8.0 × 20	80	6	SDL2R7L3350820
	2.7	3.3	10.0 × 16	70	6	SDL2R7L3351016
	2.7	5.0	8.0 × 25	65	10	SDL2R7L5050825
	2.7	5.0	10.0 × 20	50	10	SDL2R7L5051020
	2.7	7.0	10.0 × 20	45	14	SDL2R7L7051020
	2.7	10.0	10.0 × 25	35	20	SDL2R7L1061025
	2.7	10.0	10.0 × 30	30	20	SDL2R7L1061030
	2.7	10.0	12.5 × 20	30	20	SDL2R7L1061320
	2.7	15	12.5 × 25	25	30	SDL2R7L1561325
	2.7	25	16.0 × 25	24	50	SDL2R7L2561625
2.7	50	18.0 × 40	15	100	SDL2R7L5061840	