

SDH

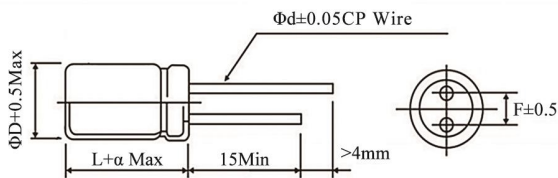
- ◆ 85°C 1000 Hours
- ◆ 2.7V High Temperature
- ◆ High Energy, High Power, High Temperature, Long Life
- ◆ RoHS, REACH Compliant



■ Specifications

Items	Characteristics	
Temperature Range	-40°C~+85°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 85°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 85°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
d	0.6	0.6	0.6	0.8	0.8
F	3.5	5	5	7.5	7.5

■ Product Size

Series	Rated Voltage (Vdc)	Capacitance Range (F)	Size ΦD×L (mm)	ESR (mΩ/20°C, 1KHz)	72h LC(μA)	Part Number
SDH	2.7	1	8×11.5	200	3	SDH 2R7 L 105 0812
	2.7	2	8×13	150	4	SDH 2R7 L 205 0813
	2.7	3.3	8×20	90	6	SDH 2R7 L 335 0820
	2.7	5	10×20	70	10	SDH 2R7 L 505 1020
	2.7	7	10×20	60	14	SDH 2R7 L 705 1020
	2.7	10	10×30	50	20	SDH 2R7 L 106 1030
	2.7	15	12.5×25	40	30	SDH 2R7 L 156 1325
	2.7	25	16×25	30	50	SDH 2R7 L 256 1625
	2.7	50	18×40	25	100	SDH 2R7 L 506 1840
	2.7	70	18×50	20	140	SDH 2R7 L 706 1850