

SDN NEW

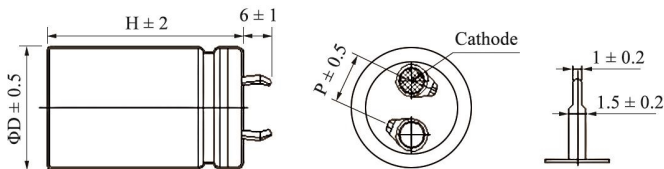
- ◆ Snap in type 2.7V/3.0V, High-Energy Density
- ◆ 2.7V.DC/3.0V.DC Rated Voltage, 1000 Hours, High Discharge Current
- ◆ RoHS Compliant



Specifications

Items	Characteristics	
Temperature Range	-40°C ~ +70°C	
Rated Voltage Range	2.7V.DC , 3.0V.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 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 initial capacitance value
	ESR	300% or less than the initial specified value
Humidity	The specification should be met when the capacitor at 20°C under the condition of 90%R.H with no load for 500 hours at 25°C.	
	Capacitance change	Within ±30% of initial capacitance value
	ESR	300% or less than the initial specified value

Standard Size (Size:mm)



ΦD	22	25	30	35	40
P	10	10	10	10	10

Product Size

Series	Rated Voltage (Vdc)	Capacitance Range (F)	Size ΦD×L (mm)	ESR (mΩ/20°C, 1KHz)	Part Number
SDN	2.7/3.0	200	30×50	6	SDN2R7S2073050 / SDN3R0S2073050
	2.7/3.0	220	30×50	6	SDN2R7S2273050 / SDN3R0S2273050
	2.7/3.0	250	30×55	6	SDN2R7S2573055 / SDN3R0S2573055
	2.7/3.0	350	35×55	4	SDN2R7S3573555 / SDN3R0S3573555
	2.7/3.0	360	35×60	4	SDN2R7S3673060 / SDN3R0S3673060
	2.7/3.0	400	35×60	3	SDN2R7S4073560 / SDN3R0S4073560
	2.7/3.0	450	35×60	3	SDN2R7S4573560 / SDN3R0S4573560
	2.7/3.0	470	35×62	3	SDN2R7S4773562 / SDN3R0S4773562
	2.7/3.0	500	35×65	3	SDN2R7S5073565 / SDN3R0S5073565