

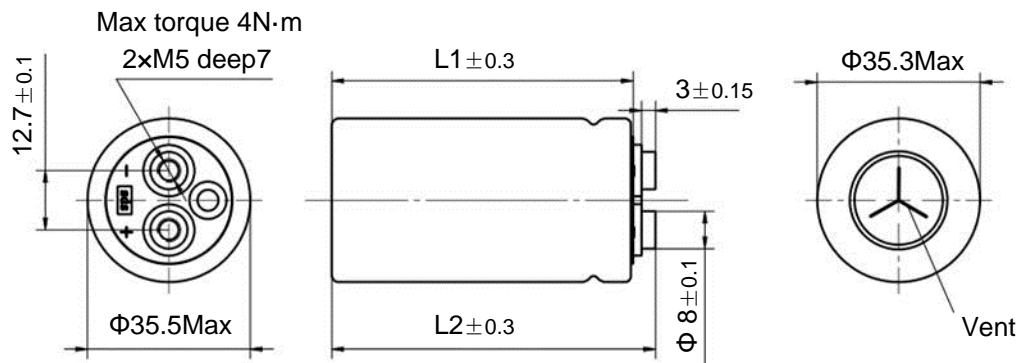
### Features

- Threaded connection
- Low ESR
- Over 1000,000 duty cycles

### Applications

- Pitching control system of Wind Turbine Generator
- UPS and backup power supply
- Electronic tools and police flash lights

### Dimensions



Cap/F	Dimension/ mm	
	L1	L2
360	62.2	67
400	62.2	67
600	96.2	101

### Specifications

Items	Characteristics
Operating Voltage	2.7 VDC
Surge Voltage	2.85 VDC
Operating Temperature Range	-40°C to 65°C
Capacitance Tolerance	-10% to +20% (25°C)
Temperature Performance(-40°C to 65°C)	$\Delta C \leq 5\%$ of initial measured value@ 25°C $ESR \leq 150\%$ of specified value
Life (1500 hours @ 65°C, 2.7 VDC)	$\Delta C \leq 20\%$ of initial measured value $ESR \leq 200\%$ of specified value
Cycle life (1,000,000 cycles between $V_R$ and $1/2 V_R$ )	$\Delta C \leq 20\%$ of initial measured value $ESR \leq 200\%$ of specified value

**Standard Product**

CAP (F)	Part Number	ESR (mohm)		LC (mA, RT 72hrs)	Max. Energy Stored (Wh)	Max. Energy Density (Wh/Kg)	Max. Continuous Current (15/40°C,A)	Max. Peak Current (A)	Typical Thermal Resistance (Housing) °C/W	Typical Thermal Capacitance, C <sub>th</sub> , J/°C	Typical Mass (g)
		AC @ 1kHz	DC								
360	SCE0360C0-0002R7SHA	2.8	3.1	0.5	0.36	4.7	21/34	230	10.9	81	77
400	SCE0400C0-0002R7SHZ	2.5	3.0	1.1	0.41	5.2	21/35	245	10.9	88	78
600	SCE0600C0-0002R7SHZ	2.5	3.0	1.5	0.61	5.2	26/40	289	7.6	133	117