

SF Series Snap-in Type for Photo Flash

Features

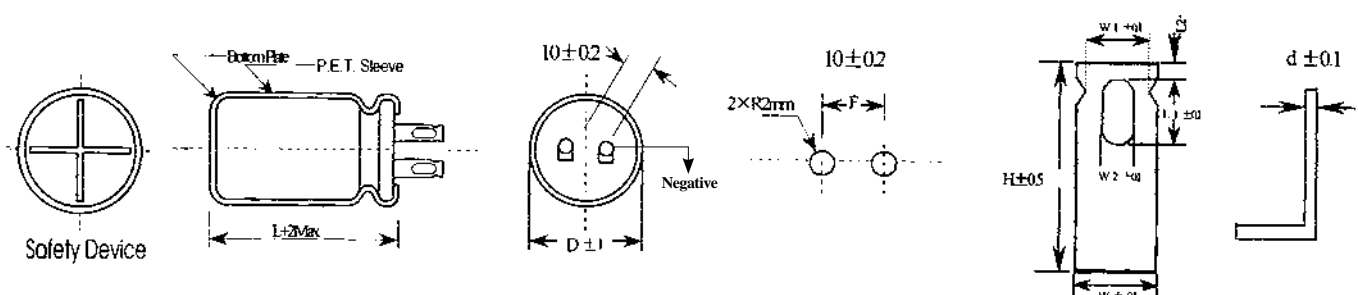
- ◆ SF Series is for photo flash applications that require not only superior volumetric efficiency, low dissipation factor and low leakage current.
- ◆ These capacitors effectively convert electrostatic energy into light.
- ◆ For detail specifications, please refer to Engineering Bulletin No. E117
- ◆ RoHS Compliant



Specifications

Item	Performance Characteristics
Operating Temperature Range	-20 to +55°C
Rated Voltage Range	330/350 VDC
Capacitance Range	150 ~ 1500 μF
Capacitance Tolerance	-10% ~ +20% (120Hz, +25°C)
Leakage Current (+20°C, max.)	$I \leq 1 \times C \mu A$ max After 5 minutes
Dissipation Factor (tan δ , at 20°C , 120Hz)	8% max.
Load Life	<p>Test conditions</p> <p>Duration time : 5000 Times</p> <p>Ambient temperature : Room Temperature (5 ~ 35°C)</p> <p>Applied voltage : Charge and Discharge Cycles : 30 Sec.</p> <p>After test requirement at +25°C</p> <p>Capacitance change : $\leq \pm 10\%$ of the initial measured value</p> <p>Dissipation factor : $\leq 150\%$ of the initial specified value</p> <p>Leakage current : $\leq 150\%$ of the initial specified value</p>
Shelf Life	<p>Test conditions</p> <p>Duration time : 1000 Hrs</p> <p>Ambient temperature : +55°C</p> <p>Applied voltage : None</p> <p>After test requirement at +25°C</p> <p>Capacitance change : $\leq \pm 10\%$ of the initial measured value</p> <p>Dissipation factor : $\leq 150\%$ of the initial specified value</p> <p>Leakage current : $\leq 150\%$ of the initial specified value</p>

Diagram of Dimensions:(unit:mm)



Case Size

Dφ	H±0.5	L1±0.1	L2±0.1	W±0.1	W1±0.1	W2±0.1	d±0.1
25	8.0	3.3	1.3	4.0	3.7	1.8	0.6
30	8.5	3.3	1.3	4.6	4.3	1.8	0.8
25	9.0	3.3	1.3	4.6	4.3	1.8	0.8
40	9.0	3.3	1.3	4.6	4.3	1.8	0.8

Please check with us about individual size and dimensions.