

SGD Series

Features

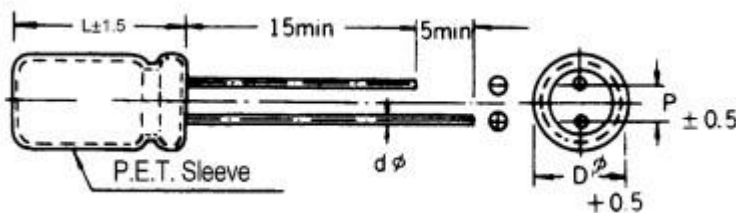
- ◆ RF Series is for photo flash applications that require not only superior volumetric efficiency, Low dissipation factor and low leakage current.
- ◆ These capacitors effectively convert electrostatic energy into light.
- ◆ For detail specifications, please refer to Engineering Bulletin No.E116
- ◆ RoHS Compliant



Specifications

Item	Performance Characteristics
Operating Temperature Range	-20~+55℃
Rate Voltage Range	330 / 350 VDC
Capacitance Range	100~450UF
Capacitance Tolerance	-10%~+20% (120Hz, +25℃)
Leakage current (+20℃, max.)	$I \leq 1 \times C \mu A$ max After 5 minutes with rated working voltage applied
Dissipation factor (tgδ, at 20℃, 120Hz)	8% max.
Load Life	Test conditions Duration time : 5000Hrs Ambient temperature : Room Temperature(5~35℃) Applied voltage : Charge and Discharge Cycles:30 Sec. After test requirement at +25℃ Capacitance change : $\leq \pm 10\%$ of the initial measured value Dissipation factor : $\leq 150\%$ of the initial specified value Leakage current : $\leq 150\%$ of the initial specified value
Shelf Life	Test conditions Duration time : 1000Hrs Ambient temperature : +55℃ Applied voltage : None After test requirement at +25℃ Capacitance change : $\leq \pm 10\%$ of the initial measured value Dissipation factor : $\leq 150\%$ of the initial specified value Leakage current : $\leq 150\%$ of the initial specified value

Diagram of Dimensions:(unit:mm)



Case Size

ΦD	8	10	12	13	14	16	18	20
Φd	0.6	0.6	0.8	0.8	0.8	0.8	0.8	0.8
F	3.5	5				7.5		

Please check with us about individual sizes and dimensions.