

Photo Flash use Aluminum Electrolytic Capacitor

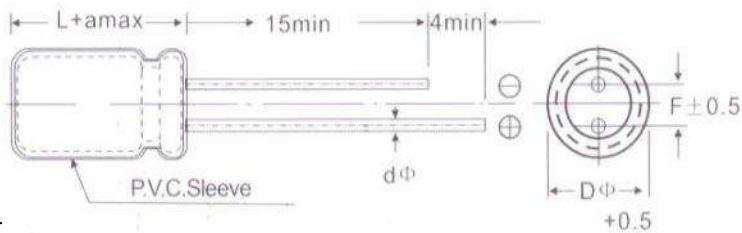
WS series

- R F 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 the special designing requirement, please contact us.

Specifications

Item	Performance Characteristics
Operating Temperature Range	-20 to +55°C
Rated Voltage Range	300 to 350VDC
Capacitance Range	80 to 300uF
Capacitance Tolerance	±10%~+20%(120Hz,+25°C)
Leakage Current (±20°C,max)	$I \leq 1 \times C \text{ Ua max}$ After 5 minutes with rated working voltage applied.
Dissipation Factor(tanδ)	8% max.(+25°C,at 120Hz)
Load Life	Test conditions
	Duration time : 5000 Hrs
	Ambient temperature : + Room Temperature(5~35°C)
	Applied voltage : Charge and Discharge Cycles:30 secretary
	After test requirements at +25°C
	Capacitance change : ≤±10% of the initial measured value
	Dissipation factor : ≤150% of the initial specified value
Shelf Life	Test conditions
	Duration time : 1000Hrs
	Ambient temperature : +55°C
	Applied voltage : None
	After test requirements at +20°C : Same limits as Load life
	Capacitance change : ≤±10% of the initial measured value
	Dissipation factor : ≤150% of the initial specified value
Leakage current : ≤150% of the initial specified value	

Diagram of Dimensions:(unit:mm)



Dø	11	12.5	13	13.5	14	14.5	16	18	20
F	5.0	5.0	5.0	5.0	5.0	7.5	7.5	7.5	7.5
dø	0.6	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
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Please check with us about individual sizes and dimensions

Cap	Dø	11	12.5	13	13.5	14	14.5	16	18	20
uF	F	5.0	5.0	5.0	5.0	7.5	7.5	7.5	7.5	
	dø	0.6	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
80	L	30.5	25.5	23.5	22.0					
100	L	36.0	29.5	27.5	25.5	24.0	22.5			
120	L	42.0	33.5	30.5	28.5	27.0	25.5			
140	L	47.5	38.0	34.5	32.0	29.5	28.0	25.0		
160	L	54.0	42.0	38.0	35.5	33.0	30.5	27.5	24.5	
180	L		46.0	41.5	38.5	36.0	33.5	28.5	26.0	24.0
200	L		51.0	45.5	42.0	39.0	36.5	31.0	28.0	25.5
220	L			49.0	45.5	42.0	39.0	33.5	28.5	27.0
250	L			55.0	50.5	46.5	43.5	36.5	31.5	29.0
300	L					55.0	50.5	42.5	36.0	33.0