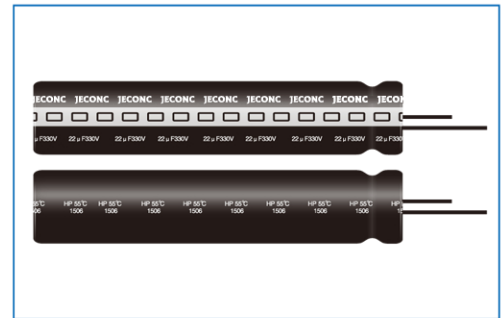


# HP 系列 SERIES

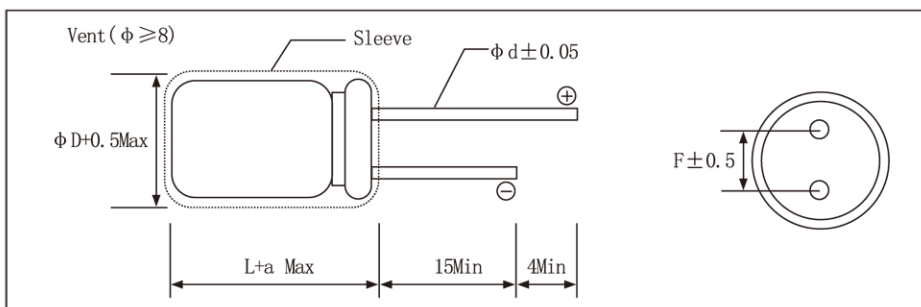
- For photo-flash application
- Charge and discharge 5000 times
- RoHS Compliant



## ◆ SPECIFICATION

Items	Characteristics						
Operating Temperature Range(°C)	-20~+55°C						
Voltage range (V)	300VDC、330VDC						
Capacitance Tolerance	-10~+20% (at 20°C, 120Hz)						
leakage current (µA)	$I \leq 1 \times C$ I: 漏电流 (µA)、C: 静电容量 (µF) (after 5 minutes at 20°C)						
Dissipation Factor(Tan δ)	$\leq 0.06$ (at 20°C, 120Hz)						
Charge and Discharge	The following specifications shall be satisfied when the capacitors are restored to 20°C after Charge and discharge at rated voltage at 5~35°C in every 30 seconds for 5000 times via Xe flash tube with discharge resistance of 0.7 ~ 1.0 Ω . Duration time: 5000 times Ambient temperature: room temperature (5 to 35°C)						
	<table border="1"> <tr> <td>Capacitance change</td> <td>Within ±10%initial value</td> </tr> <tr> <td>D.F. (Tan δ)</td> <td>Not more than 150% of specified value</td> </tr> <tr> <td>leakage current</td> <td>Not more than 150% of specified value</td> </tr> </table>	Capacitance change	Within ±10%initial value	D.F. (Tan δ)	Not more than 150% of specified value	leakage current	Not more than 150% of specified value
Capacitance change	Within ±10%initial value						
D.F. (Tan δ)	Not more than 150% of specified value						
leakage current	Not more than 150% of specified value						
Shelf Life	The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1000 hours at 55°C without voltage applied .Before the measurement ,the capacitor shall be preconditioned by applying voltage according to Item 4.1 of JIS C 5101-4.						
	<table border="1"> <tr> <td>Capacitance change</td> <td>Within ±10%initial value</td> </tr> <tr> <td>D.F. (Tan δ)</td> <td>Not more than 150% of specified value</td> </tr> <tr> <td>leakage current</td> <td>Not more than 150% of specified value</td> </tr> </table>	Capacitance change	Within ±10%initial value	D.F. (Tan δ)	Not more than 150% of specified value	leakage current	Not more than 150% of specified value
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## ◆ DIMENSIONS(mm)



φD	6.0~7.5	8.0~8.5	9.0~9.5	10.0~14.0	14.5~18.0
φd	0.5	0.6	0.6	0.6	0.8
F	2.5	3.5	4	5	7.5
a	1.0max				