

# VT 系列 SERIES

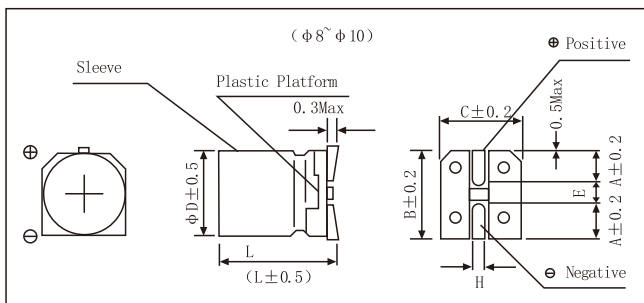
- V-CHIP Type
- Load life : 105°C 3000 hours
- Used for lighting equipment
- Complied to the RoHS directive



## ◆ SPECIFICATION

Items	Characteristics						
Operating Temperature Range(°C)	-25 ~ +105°C						
Voltage range (V)	250~400						
Capacitance Range (μF)	1~10 μF						
Capacitance Tolerance	±20% (at 20°C, 120Hz)						
Dissipation Factor(Tan δ)	<table border="1"> <tr> <td>U<sub>R</sub> (V)</td> <td>250</td> <td>400</td> </tr> <tr> <td>tg δ</td> <td>0.2</td> <td>0.25</td> </tr> </table>	U <sub>R</sub> (V)	250	400	tg δ	0.2	0.25
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(at 20°C, 120Hz)							
Low Temperature Characteristics	<table border="1"> <tr> <td>U<sub>R</sub> (V)</td> <td>250</td> <td>400</td> </tr> <tr> <td>Z-25°C/Z+20°C</td> <td>4</td> <td>6</td> </tr> </table>	U <sub>R</sub> (V)	250	400	Z-25°C/Z+20°C	4	6
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(120Hz)							
leakage current (μA)	$I \leq 0.04C_R U_R + 100$ (at 20°C, After 2 minutes application of rated voltage) I=Leakage Current    U <sub>R</sub> =Rated Voltage    C <sub>R</sub> =Rated Capacitance						
Load Life	The following specifications shall be satisfied when the capacitors are restored to 20°C after subjected to DC voltage with the rated rippled current is applied for 3000 hours at 105°C						
	<table border="1"> <tr> <td>Capacitance change</td> <td>Within ±20%initial value</td> </tr> <tr> <td>D. F. (Tan δ)</td> <td>Not more than 200% of specified value</td> </tr> <tr> <td>leakage current</td> <td>Not more than specified value</td> </tr> </table>	Capacitance change	Within ±20%initial value	D. F. (Tan δ)	Not more than 200% of specified value	leakage current	Not more than specified value
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leakage current	Not more than specified value						
Shelf Life	After leaving capacitors under no load at 105° C for 500 hours, they meet the characteristic requirements listed at right.						
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## ◆ DIMENSIONS(mm)



	A	B	C	E	L	H
8×10	2.9	8.3	8.3	3.1	10	0.8~1.1
10×10	3.2	10.3	10.3	4.5	10	0.8~1.2

## ◆ Frequency Coefficient

Freq. (Hz)	120	1k	10k	100k
Cap. (μF)				
1~10	1.00	1.30	1.40	1.50