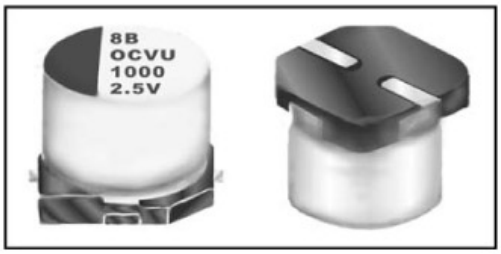
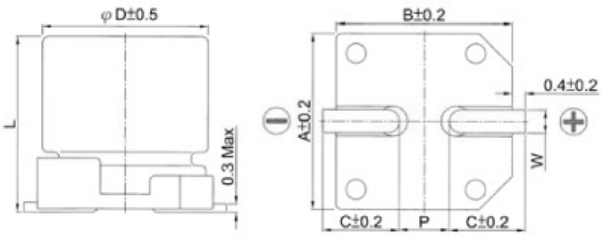
Features
- 125℃, 1000 ~ 2,000 hours assured
- Ultra low ESR, solid capacitors of SMD type
- RoHS Compliance



SPECIFICATIONS

Items	Performance
Operating Temperature Range	-55℃ ~ +125℃
Capacitance Tolerance	±20% (at 120Hz, 20℃)
Leakage Current (at 20℃)	See the Dimension & Permissible Ripple Current
Dissipation Factor (Tanδ at 120Hz, 20℃)	See the Dimension & Permissible Ripple Current
ESR (at 100K ~ 300K Hz, 20℃)	See the Dimension & Permissible Ripple Current
Load Life Test	Test Time: 2.5 ~ 4V: 1,000 Hours; 6.3~ 16V: 2,000 Hours Capacitance Change: Within ±20% of initial value Dissipation Factor: Less than 200% of specified value ESR: Less than 200% of specified value Leakage Current: Within specified value * The above specifications shall be satisfied when the capacitors are restored to 20℃ after the rated voltage applied for specified hours at 125℃.
Moisture Resistance	Test Time: 1,000 Hours Capacitance Change: Within ±20% of initial value Dissipation Factor: Less than 150% of specified value Leakage Current: Within specified value * The above specifications shall be satisfied when the capacitors are restored to 20℃ after subjecting them to the DC rated voltage at 60℃, 90 to 95% RH for 1,000 hours. Leakage current should be tested after voltage treatment.
Ripple Current & Frequency Multipliers	Frequency (Hz): 120 ≦ f < 1K | 1K ≦ f < 10K | 10K ≦ f < 100K | 100K ≦ f < 500K Multiplier: 0.05 | 0.3 | 0.7 | 1.0

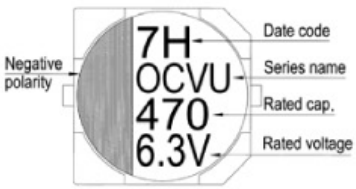
DIAGRAM OF DIMENSIONS



LEAD SPACING AND DIAMETER Unit: mm

φD	L	A	B	C	W	P±0.2
8	12.0±0.5	8.4	8.4	3.0	0.7 ~ 1.1	3.1
10	10.0±0.5	10.4	10.4	3.3	0.7 ~ 1.1	4.7
10	12.7±0.5	10.4	10.4	3.3	0.7 ~ 1.1	4.7

MARKING



Dimension: φD×L(mm)
Ripple Current: mA/rms at 100KHz

DIMENSIONS & PERMISSIBLE RIPPLE CURRENT

W. V. (V)	Capacitance (μF)	Size φD×L(mm)	Tan δ (120Hz, 20℃)	L C (μA)	ESR (mΩ/at 100K ~ 300K Hz, 20℃ Max)	Rated R. C.(mA/rms at 100KHz)	
						T ≤ 105℃	105℃ < T ≦ 125℃
2.5V (0E)	680	8×12	0.18	340	13	4,520	1,430
	1,000	10×10	0.18	500	13	5,200	1,645
	1,500	10×12.7	0.18	750	13	5,440	1,721
4V (0G)	560	8×12	0.18	448	13	4,520	1,430
	820	10×10	0.18	656	13	5,200	1,645
	1,200	10×12.7	0.18	960	12	5,440	1,721
6.3V (0J)	470	8×12	0.15	592	15	4,210	1,332
	560	10×10	0.15	706	16	4,700	1,487
	820	10×12.7	0.15	1,033	12	5,440	1,721
10V (1A)	330	8×12	0.15	660	17	3,950	1,250
	470	10×10	0.15	940	18	4,400	1,392
	560	10×12.7	0.15	1,120	13	5,230	1,655
16V (1C)	180	8×12	0.15	576	20	3,640	1,151
	220	10×10	0.15	704	20	4,200	1,330
	330	10×12.7	0.15	1,056	16	4,720	1,493