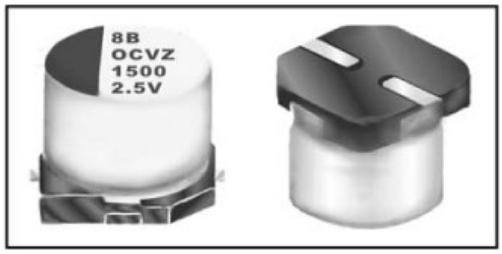
Features
- 105℃, 2,000 hours assured
- Ultra low ESR with large permissible ripple current
- RoHS Compliance



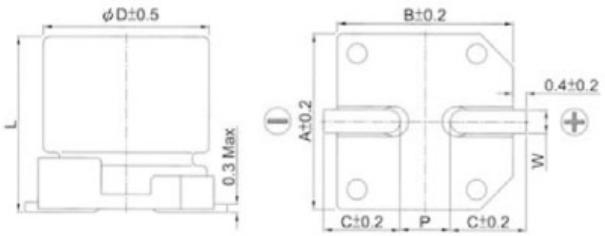
SPECIFICATIONS

Items	Performance
Operating Temperature Range	-55℃ ~ +105℃
Capacitance Tolerance	±20% (at 120Hz, 20℃)
Leakage Current (at 20℃)	See the Dimension & Permissible Ripple Current
Dissipation Factor (Tan δ 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: 2,000 hrs 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 2,000 hours at 105℃.
Moisture Resistance	Test Time: 1,000 hrs Capacitance Change: Within ±20% of initial value Dissipation Factor: Less than 150% of specified value ESR: 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 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

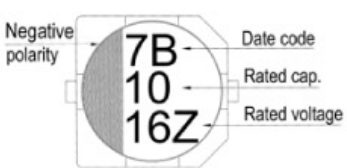


LEAD SPACING AND DIAMETER Unit: mm

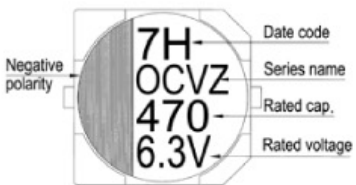
φD	L	A	B	C	W	P±0.2
6.3	6.0+0.1/-0.3	6.6	6.6	2.7	0.5 ~ 0.8	2.0
8	7.0±0.2	8.4	8.4	3.0	0.7 ~ 1.1	2.3
8	12.0±0.5	8.4	8.4	3.0	0.7 ~ 1.1	3.1
10	12.7±0.5	10.4	10.4	3.3	0.7 ~ 1.1	4.7

MARKING

φD = 6.3



φD = 8 ~ 10



DIMENSIONS & PERMISSIBLE RIPPLE CURRENT

Dimension: φD×L(mm)
Ripple Current: mA/rms at 100KHz, 105℃

W. V. (V)	Capacitance (μF)	Size φD×L(mm)	Tan δ (120Hz, 20℃)	L C (μA)	E S R (mΩ/at 100K ~ 300K Hz, 20℃ Max)	Rated R. C. (mA/rms at 100KHz, 105℃)
2.5V (0E)	390	6.3×6	0.12	700	14	3,160
	1,500	8×12	0.15	750	12	5,150
	1,500	10×12.7	0.15	750	7	7,200
	2,700	10×12.7	0.15	1,350	11	5,600
4V (0G)	270	6.3×6	0.12	300	15	3,160
	330	6.3×6	0.12	300	15	3,160
	560	8×7	0.12	500	22	3,220
	1,200	8×12	0.15	960	12	4,700
	1,200	10×12.7	0.15	960	7	7,200
	2,200	10×12.7	0.15	1,760	11	7,200
6.3V (0J)	220	6.3×6	0.12	300	15	3,160
	390	8×7	0.12	491	22	3,220
	820	8×12	0.15	1,033	13	4,700
	820	10×12.7	0.15	1,890	7	5,600
	1,500	10×12.7	0.15	1,890	12	5,560