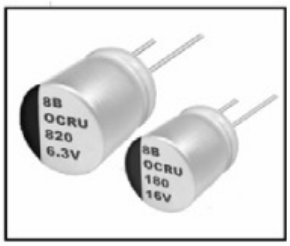
Features

- 125℃, 1000~2,000 hours assured
- Ultra low ESR with large permissible ripple current
- RoHS Compliance

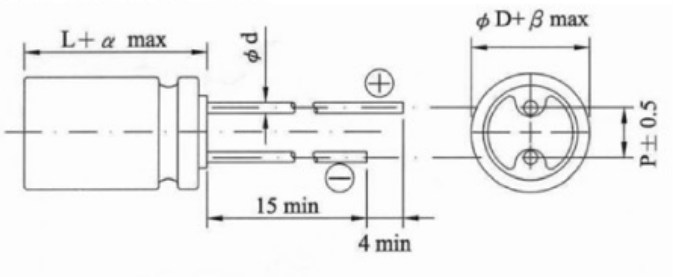


SPECIFICATIONS

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 (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: 2.5 ~ 4V: 1,000 hrs; 6.3~ 20V: 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 specified hours at 125℃.
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

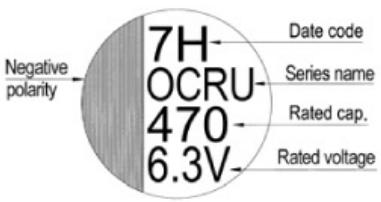
Unit: mm



LEAD SPACING AND DIAMETER

φD	8	10
L	11.5	12.5
P	3.5	5.0
φd	0.6	
α	1.0	1.5
β	0.5	

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	8×11.5	0.18	340	13	4,520	1,430
	1,200	10×12.5	0.18	600	13	5,440	1,721
4V (0G)	560	8×11.5	0.18	448	13	4,520	1,430
	1,200	10×12.5	0.18	960	12	5,440	1,721
6.3V (0J)	470	8×11.5	0.15	592	15	4,210	1,332
	820	10×12.5	0.15	1,033	12	5,440	1,721
10V (1A)	330	8×11.5	0.12	660	16	3,950	1,250
	560	10×12.5	0.12	1,120	13	5,230	1,655
16V (1C)	180	8×11.5	0.12	576	18	3,640	1,151
	330	10×12.5	0.12	1,056	16	4,720	1,493
20V (1D)	100	8×11.5	0.15	400	24	3,320	1,050
	150	10×12.5	0.15	600	20	4,320	1,367