



Aluminum Electrolytic Capacitors

+85°C 7mm Height, Low Profile, Radial Lead

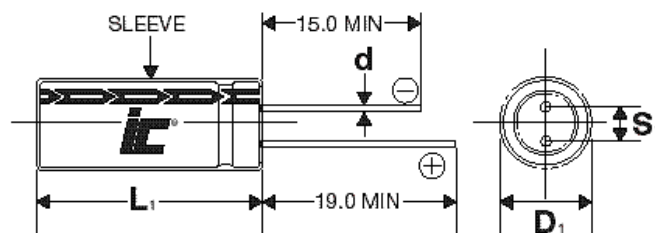
FEATURES

Small Size - Low Heights - Lead Free Leads

APPLICATIONS

Bypass - Coupling - Filtering - Blocking

| | | | | | | | |
|--|---|---|-----|-----|------|-----|----|
| Operating Temperature Range | | -40°C to +85°C | | | | | |
| Capacitance Tolerance | | +20% at 120 Hz, 20°C | | | | | |
| Surge voltage | WVDC | 6.3 | 10 | 16 | 25 | 35 | 50 |
| | SVDC | 7.9 | 13 | 20 | 32 | 44 | 63 |
| Dissipation Factor | WVDC | 6.3 | 10 | 16 | 25 | 35 | 50 |
| | tan δ | .22 | .2 | .16 | .14 | .12 | .1 |
| Leakage current | | 2 Minutes .01CV or 3uA, Whichever is greater | | | | | |
| Low temperature stability Impedance ratio (120 Hz) | Rated WVDC | 6.3 | 10 | 16 | 25 | 35 | 50 |
| | -25°C to +20°C | 4 | 3 | 2 | 2 | 2 | 2 |
| | -40°C to +20°C | 8 | 6 | 4 | 4 | 3 | 3 |
| Load Life | 1000 hours at 85°C with rated WVDC and ripple current applied | | | | | | |
| | Capacitance change | ≤25% of initial measured value | | | | | |
| | Dissipation factor | ≤200% of maximum specified value | | | | | |
| | Leakage current | ≤100% of maximum specified value | | | | | |
| Shelf Life | 1000 hours at 85°C with no voltage applied | | | | | | |
| | Capacitance change | ≤25% of initial measured value | | | | | |
| | Dissipation factor | ≤200% of maximum specified value | | | | | |
| | Leakage current | ≤100% of maximum specified value | | | | | |
| Ripple Current Multipliers | Frequency (Hz) | | | | | | |
| | Capacitance (uF) | 50 | 120 | 400 | 1k | 10k | |
| | 0.1~68 | 0.8 | 1.0 | 1 | 1.3 | 1.5 | |
| | 100~470 | 0.8 | 1.0 | 1 | 1.15 | 1.2 | |



| | | | | |
|---|-----|-----|-----|-----|
| D | 4 | 5 | 6.3 | 8 |
| S | 1.5 | 2 | 2.5 | 3.5 |
| D | .45 | .45 | .45 | .5 |

D₁=D+0.5mm
L₁=L+1mm
S₁=S±0.5mm

PUM

+85°C, 7mm Height, General Purpose, 1000 hours

| Capacitance (µF) | WVDC | IC PART NUMBER | Maximum ESR (Ω) 120 Hz, +20°C | Maximum RMS Ripple Current (mA) 120 Hz, +85°C | Dims DxL (mm) |
|------------------|------|------------------------------|-------------------------------------|---|---------------|
| 4.7 | 50 | 475PUM050M | 35.274 | 26 | 4x7 |
| 6.8 | 35 | 685PUM035M | 29.256 | 24 | 4x7 |
| 6.8 | 50 | 685PUM050M | 24.38 | 27 | 5x7 |
| 10 | 35 | 106PUM035M | 19.894 | 31 | 4x7 |
| 10 | 50 | 106PUM050M | 16.579 | 34 | 5x7 |
| 15 | 35 | 156PUM035M | 13.263 | 39 | 5x7 |
| 15 | 50 | 156PUM050M | 11.052 | 43 | 6.3x7 |
| 22 | 16 | 226PUM016M | 12.057 | 40 | 4x7 |
| 22 | 35 | 226PUM035M | 9.043 | 55 | 5x7 |
| 22 | 50 | 226PUM050M | 7.536 | 58 | 6.3x7 |
| 22 | 50 | 226PUM050MD8 | 7.536 | 85 | 8x7 |
| 33 | 10 | 336PUM010M | 10.048 | 43 | 4x7 |
| 33 | 25 | 336PUM025M | 7.033 | 52 | 5x7 |
| 33 | 35 | 336PUM035M | 6.029 | 65 | 6.3x7 |

| Capacitance (µF) | WVDC | IC PART NUMBER | Maximum ESR (Ω) 120 Hz, +20°C | Maximum RMS Ripple Current (mA) 120 Hz, +85°C | Dims DxL (mm) |
|------------------|------|----------------------------|-------------------------------------|---|---------------|
| 33 | 50 | 336PUM050M | 5.024 | 80 | 8x7 |
| 47 | 6.3 | 476PUM6R3M | 7.76 | 44 | 4x7 |
| 47 | 16 | 476PUM016M | 5.644 | 65 | 5x7 |
| 47 | 25 | 476PUM025M | 4.938 | 70 | 6.3x7 |
| 47 | 35 | 476PUM035M | 4.233 | 90 | 8x7 |
| 68 | 6.3 | 686PUM6R3M | 5.364 | 58 | 5x7 |
| 68 | 16 | 686PUM016M | 3.901 | 95 | 6.3x7 |
| 100 | 6.3 | 107PUM6R3M | 3.6473 | 75 | 5x7 |
| 100 | 16 | 107PUM016M | 2.653 | 95 | 6.3x7 |
| 100 | 25 | 107PUM025M | 2.321 | 115 | 8x7 |
| 150 | 6.3 | 157PUM6R3M | 2.4315 | 90 | 6.3x7 |
| 220 | 6.3 | 227PUM6R3M | 1.6579 | 120 | 6.3x7 |
| 220 | 16 | 227PUM016M | 1.206 | 160 | 8x7 |
| 330 | 6.3 | 337PUM6R3M | 1.105 | 160 | 8x7 |