

PUM

+85°C Low Profile, 7mm Height Aluminum Electrolytic Capacitors



Features

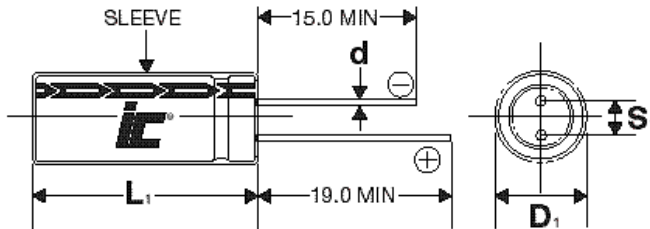
- Standard case sizes
- Low heights
- Lead Free Leads

Applications

- Bypass
- Coupling
- Filtering
- De-Coupling

Specifications

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	.24	.2	.18	.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	10	8	6	4	4	4					
Load Life		2000 hours at 85°C with rated WVDC and ripple current applied										
		Capacitance change	≤20% 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	≤20% of initial measured value									
		Dissipation factor	≤200% of maximum specified value									
		Leakage current	≥100% of maximum specified value									
Ripple Current Multipliers		Frequency (Hz)					Temperature (°C)					
		50	120	400	1k	10k	100k	85	70	60	30	
		0.8	1.0	1.3	1.45	1.65	1.7	1.0	1.3	1.5	1.8	



D+0.5	4	5	6.3	8
S	1.5	2	2.5	3.5
D	.45	.45	.45	.5

L₁=L+1mm
S₁=S±0.5mm



PUM

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

Capacitance (µF)	WVDC	IC PART NUMBER	Maximum ESR (mΩ) 120 Hz, +20°C	Maximum RMS Ripple Current (mA) 120 Hz, +105°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	37	5x7
15	35	156PUM035M	13.263	39	5x7
15	50	156PUM050M	11.052	43	6.3x7
22	16	226PUM016M	12.057	44	4x7
22	35	226PUM035M	9.043	50	5x7
22	50	226PUM050M	7.536	59	6.3x7
22	50	226PUM050MD8	7.536	85	8x7
33	10	336PUM010M	10.048	49	4x7
33	25	336PUM025M	7.033	57	5x7
33	35	336PUM035M	6.029	67	6.3x7

Capacitance (µF)	WVDC	IC PART NUMBER	Maximum ESR (mΩ) 120 Hz, +20°C	Maximum RMS Ripple Current (mA) 120 Hz, +105°C	Dims DxL (mm)
33	50	336PUM050M	5.024	100	8x7
47	6.3	476PUM6R3M	8.466	46	4x7
47	16	476PUM016M	5.644	75	5x7
47	25	476PUM025M	4.938	74	6.3x7
47	35	476PUM035M	4.233	110	8x7
68	6.3	686PUM6R3M	5.851	58	5x7
68	16	686PUM016M	3.901	76	6.3x7
100	6.3	107PUM6R3M	3.979	76	5x7
100	16	107PUM016M	2.653	120	6.3x7
100	25	107PUM025M	2.321	150	8x7
150	6.3	157PUM6R3M	2.653	90	6.3x7
220	6.3	227PUM6R3M	1.809	115	6.3x7
220	16	227PUM016M	1.206	210	8x7
330	6.3	337PUM6R3M	1.206	210	8x7