



## Aluminum Electrolytic Capacitors

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

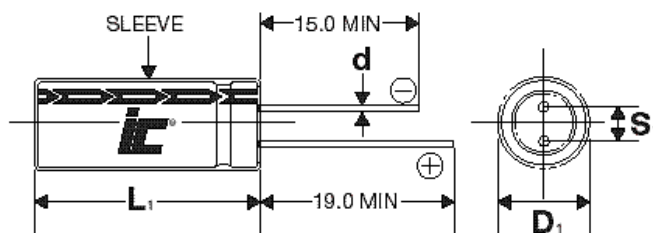
### FEATURES

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

D<sub>1</sub>=D+0.5mm  
L<sub>1</sub>=L+1mm  
S<sub>1</sub>=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	<a href="#">475PUM050M</a>	35.274	26	4x7
6.8	35	<a href="#">685PUM035M</a>	29.256	24	4x7
6.8	50	<a href="#">685PUM050M</a>	24.38	27	5x7
10	35	<a href="#">106PUM035M</a>	19.894	31	4x7
10	50	<a href="#">106PUM050M</a>	16.579	34	5x7
15	35	<a href="#">156PUM035M</a>	13.263	39	5x7
15	50	<a href="#">156PUM050M</a>	11.052	43	6.3x7
22	16	<a href="#">226PUM016M</a>	12.057	40	4x7
22	35	<a href="#">226PUM035M</a>	9.043	55	5x7
22	50	<a href="#">226PUM050M</a>	7.536	58	6.3x7
22	50	<a href="#">226PUM050MD8</a>	7.536	85	8x7
33	10	<a href="#">336PUM010M</a>	10.048	43	4x7
33	25	<a href="#">336PUM025M</a>	7.033	52	5x7
33	35	<a href="#">336PUM035M</a>	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	<a href="#">336PUM050M</a>	5.024	80	8x7
47	6.3	<a href="#">476PUM6R3M</a>	7.76	44	4x7
47	16	<a href="#">476PUM016M</a>	5.644	65	5x7
47	25	<a href="#">476PUM025M</a>	4.938	70	6.3x7
47	35	<a href="#">476PUM035M</a>	4.233	90	8x7
68	6.3	<a href="#">686PUM6R3M</a>	5.364	58	5x7
68	16	<a href="#">686PUM016M</a>	3.901	95	6.3x7
100	6.3	<a href="#">107PUM6R3M</a>	3.6473	75	5x7
100	16	<a href="#">107PUM016M</a>	2.653	95	6.3x7
100	25	<a href="#">107PUM025M</a>	2.321	115	8x7
150	6.3	<a href="#">157PUM6R3M</a>	2.4315	90	6.3x7
220	6.3	<a href="#">227PUM6R3M</a>	1.6579	120	6.3x7
220	16	<a href="#">227PUM016M</a>	1.206	160	8x7
330	6.3	<a href="#">337PUM6R3M</a>	1.105	160	8x7