



## Aluminum Electrolytic Capacitors

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

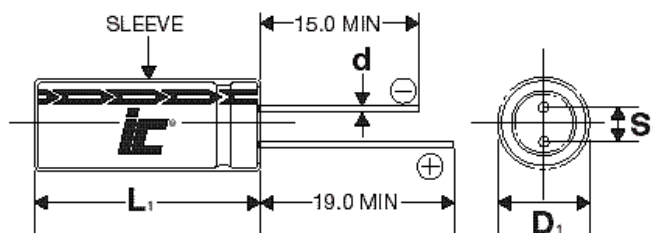
### FEATURES

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

$$D_1 = D + 0.5\text{mm}$$

$$L_1 = L + 1\text{mm}$$

$$S_1 = S \pm 0.5\text{mm}$$

# PUM

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

WVDC	Capacitance (μF)	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	Maximum RMS Ripple Current (mA) 120 Hz, +85°C	Dims DxL (mm)
6.3	47	<b>476PUM6R3M</b>	7.76	44	4x7
6.3	68	<b>686PUM6R3M</b>	5.364	58	5x7
6.3	100	<b>107PUM6R3M</b>	3.6473	75	5x7
6.3	150	<b>157PUM6R3M</b>	2.4315	90	6.3x7
6.3	220	<b>227PUM6R3M</b>	1.6579	120	6.3x7
6.3	330	<b>337PUM6R3M</b>	1.105	160	8x7
10	33	<b>336PUM010M</b>	10.048	43	4x7
16	22	<b>226PUM016M</b>	12.057	40	4x7
16	47	<b>476PUM016M</b>	5.644	65	5x7
16	68	<b>686PUM016M</b>	3.901	95	6.3x7
16	100	<b>107PUM016M</b>	2.653	95	6.3x7
16	220	<b>227PUM016M</b>	1.206	160	8x7
25	33	<b>336PUM025M</b>	7.033	52	5x7
25	47	<b>476PUM025M</b>	4.938	70	6.3x7

WVDC	Capacitance (μF)	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	Maximum RMS Ripple Current (mA) 120 Hz, +85°C	Dims DxL (mm)
25	100	<b>107PUM025M</b>	2.321	115	8x7
35	6.8	<b>685PUM035M</b>	29.256	24	4x7
35	10	<b>106PUM035M</b>	19.894	31	4x7
35	15	<b>156PUM035M</b>	13.263	39	5x7
35	22	<b>226PUM035M</b>	9.043	55	5x7
35	33	<b>336PUM035M</b>	6.029	65	6.3x7
35	47	<b>476PUM035M</b>	4.233	90	8x7
50	4.7	<b>475PUM050M</b>	35.274	26	4x7
50	6.8	<b>685PUM050M</b>	24.38	27	5x7
50	10	<b>106PUM050M</b>	16.579	34	5x7
50	15	<b>156PUM050M</b>	11.052	43	6.3x7
50	22	<b>226PUM050M</b>	7.536	58	6.3x7
50	22	<b>226PUM050MD8</b>	7.536	85	8x7
50	33	<b>336PUM050M</b>	5.024	80	8x7

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