



## Aluminum Electrolytic Capacitors

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

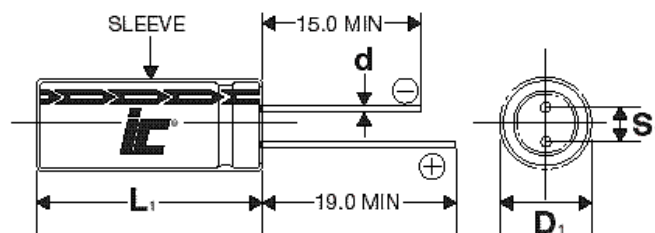
### FEATURES

Small Size - Low Heights - Lead Free Leads

### APPLICATIONS

Bypass - Coupling - Filtering - Blocking

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

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