



## Radial Lead Aluminum Electrolytic Capacitors

+105°C 7mm Height Low Profile

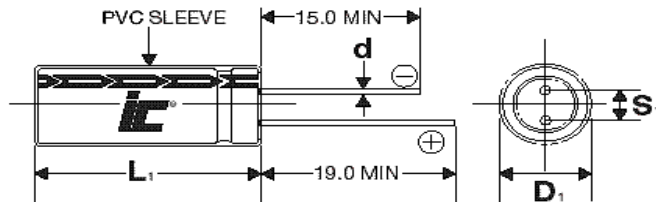
### FEATURES

Small size – 7mm Height

### APPLICATIONS

Bypass – Coupling – Filtering – De-coupling

<b>Operating Temperature Range</b>		<b>-55°C to +105°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>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 105°C with rated WVDC 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 105°C with no voltage applied</b>						
		<b>Capacitance change</b>	≤25% 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	.8	1.0	1	1.5	1.5	
		100~470	.8	1.0	1	1.15	1.2	



D	5	6.3	8
S	2.0	2.5	3.5
d	0.5	0.5	0.6

L<sub>1</sub>=L+1.5mm Max. mm  
D<sub>1</sub>=D+0.5mm Max.  
S<sub>1</sub>=S+0.5 mm

# PGM

+105°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, +105°C	Dims DxL (mm)
0.1	50	<a href="#">104PGM050M</a>	1657.86	1.5	4x7
0.22	50	<a href="#">224PGM050M</a>	753.575	2.5	4x7
0.33	50	<a href="#">334PGM050M</a>	502.383	3.5	4x7
0.47	50	<a href="#">474PGM050M</a>	352.737	5	4x7
1	50	<a href="#">105PGM050M</a>	165.786	10	4x7
2.2	50	<a href="#">225PGM050M</a>	75.358	19	4x7
3.3	50	<a href="#">335PGM050M</a>	50.238	24	4x7
4.7	35	<a href="#">475PGM035M</a>	42.328	22	4x7
4.7	50	<a href="#">475PGM050M</a>	35.274	27	5x7
6.8	25	<a href="#">685PGM025M</a>	34.133	27	4x7
6.8	35	<a href="#">685PGM035M</a>	29.256	30	5x7
6.8	50	<a href="#">685PGM050M</a>	24.38	40	6.3x7
10	16	<a href="#">106PGM016M</a>	26.526	24	4x7
10	35	<a href="#">106PGM035M</a>	19.894	29	5x7

Capacitance (µF)	WVDC	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	Maximum RMS Ripple Current (mA) 120 Hz, +105°C	Dims DxL (mm)
10	50	<a href="#">106PGM050M</a>	16.579	40	6.3x7
22	6.3	<a href="#">226PGM6R3M</a>	16.5786	31	4x7
22	16	<a href="#">226PGM016M</a>	12.057	42	5x7
22	35	<a href="#">226PGM035M</a>	9.043	58	6.3x7
22	50	<a href="#">226PGM050M</a>	7.536	65	8x7
33	10	<a href="#">336PGM010M</a>	10.048	50	5x7
33	25	<a href="#">336PGM025M</a>	7.033	60	6.3x7
33	35	<a href="#">336PGM035M</a>	6.029	80	8x7
47	6.3	<a href="#">476PGM6R3M</a>	7.76	55	5x7
47	16	<a href="#">476PGM016M</a>	5.644	75	6.3x7
47	25	<a href="#">476PGM025M</a>	4.938	95	8x7
100	6.3	<a href="#">107PGM6R3M</a>	3.6473	90	6.3x7
220	10	<a href="#">227PGM010M</a>	1.507	145	8x7