

PGM

+105°C, 7mm Height Low Profile Radial Lead Aluminum Electrolytic Capacitors



Features

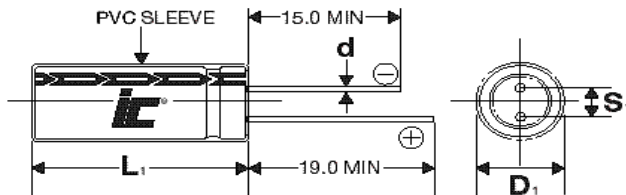
- Standard case sizes
- Low Profile
- Lead free leads

Applications

- Bypass
- Coupling
- Filtering
- De-coupling

Specifications

Operating Temperature Range		-55°C to +105°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	.16	.14	.12	.1				
Leakage current		2 Minutes									
		.01CV or 3uA, Whichever is greater									
Low temperature stability Impedance ratio (120 Hz)	WVDC	6.3	10	16	25	35	50				
	-25°C to +20°C	3	2	2	2	2	2				
	-40°C to +20°C	6	5	4	3	3	3				
Load Life		1000 hours at 105°C with rated WVDC and ripple current applied									
		Capacitance change	≤20% of initial measured value								
		Dissipation factor	≤150% of maximum specified value								
		Leakage current	≥100% of maximum specified value								
Shelf Life		1000 hours at 105°C with no voltage applied									
		Capacitance change	≤20% 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	+105	+85		+60
		.8	1.0	1.3	1.45	1.65	1.7	1.0	1.4		1.75



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

$L_1 = L + 1.5\text{mm Max.}$ mm
 $D_1 = D + 0.5\text{mm Max.}$
 $S_1 = S + 0.5\text{ mm}$



PGM

+105°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)
0.1	50	104PGM050M	1657.86	3	4x7
0.22	50	224PGM050M	753.575	5	4x7
0.33	50	334PGM050M	502.383	6	4x7
0.47	50	474PGM050M	352.737	7	4x7
1	50	105PGM050M	165.786	11	4x7
2.2	50	225PGM050M	75.358	19	4x7
3.3	50	335PGM050M	50.238	24	4x7
4.7	35	475PGM035M	42.328	24	4x7
4.7	50	475PGM050M	35.274	29	5x7
6.8	25	685PGM025M	34.133	27	4x7
6.8	35	685PGM035M	29.256	30	5x7
6.8	50	685PGM050M	24.38	40	6.3x7
10	16	106PGM016M	26.526	29	4x7
10	35	106PGM035M	19.894	36	5x7

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)
10	50	106PGM050M	16.579	45	6.3x7
22	6.3	226PGM6R3M	18.086	34	4x7
22	16	226PGM016M	12.057	46	5x7
22	35	226PGM035M	9.043	60	6.3x7
22	50	226PGM050M	7.536	75	8x7
33	10	336PGM010M	10.048	50	5x7
33	25	336PGM025M	7.033	70	6.3x7
33	35	336PGM035M	6.029	85	8x7
47	6.3	476PGM6R3M	8.466	55	5x7
47	16	476PGM016M	5.644	75	6.3x7
47	25	476PGM025M	4.938	95	8x7
100	6.3	107PGM6R3M	3.979	90	6.3x7
220	10	227PGM010M	1.507	170	8x7