



Radial Lead Aluminum Electrolytic Capacitors

+105°C 7mm Height Low Profile

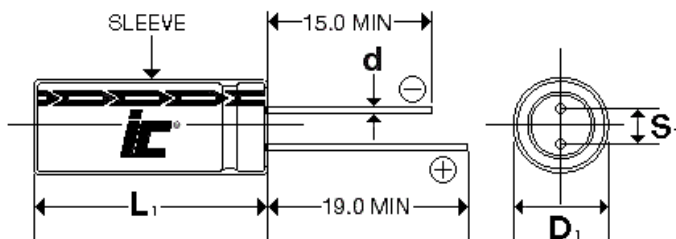
FEATURES

Small Size - 7mm Height

APPLICATIONS

Bypass - Coupling - Filtering - De-coupling

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	.22	.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	4	3	2	2	2	2
	-40°C to +20°C	8	6	4	4	3	3
Load Life	1000 hours at 105°C with rated WVDC applied						
	Capacitance change	≤25% 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	≤25% 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	.8	1.0	1	1.5	1.5	
	100~470	.8	1.0	1	1.15	1.2	



D	4	5	6.3	8
S	1.5	2.0	2.5	3.5
d	0.45	0.5	0.5	0.6

L₁=L+1.5mm Max. mm
D₁=D+0.5mm Max.
S₁=S+0.5 mm

PGM

+105°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, +105°C	Dims DxD (mm)
6.3	22	226PGM6R3M	16.5786	31	4x7
6.3	47	476PGM6R3M	7.76	55	5x7
6.3	100	107PGM6R3M	3.6473	90	6.3x7
10	33	336PGM010M	10.048	50	5x7
10	220	227PGM010M	1.507	145	8x7
16	10	106PGM016M	26.526	24	4x7
16	22	226PGM016M	12.057	42	5x7
16	47	476PGM016M	5.644	75	6.3x7
25	6.8	685PGM025M	34.133	27	4x7
25	33	336PGM025M	7.033	60	6.3x7
25	47	476PGM025M	4.938	95	8x7
35	4.7	475PGM035M	42.328	22	4x7
35	6.8	685PGM035M	29.256	30	5x7
35	10	106PGM035M	19.894	29	5x7

WVDC	Capacitance (µF)	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	Maximum RMS Ripple Current (mA) 120 Hz, +105°C	Dims DxD (mm)
35	22	226PGM035M	9.043	58	6.3x7
35	33	336PGM035M	6.029	80	8x7
50	0.1	104PGM050M	1657.86	1.5	4x7
50	0.22	224PGM050M	753.575	2.5	4x7
50	0.33	334PGM050M	502.383	3.5	4x7
50	0.47	474PGM050M	352.737	5	4x7
50	1	105PGM050M	165.786	10	4x7
50	2.2	225PGM050M	75.358	19	4x7
50	3.3	335PGM050M	50.238	24	4x7
50	4.7	475PGM050M	35.274	27	5x7
50	6.8	685PGM050M	24.38	40	6.3x7
50	10	106PGM050M	16.579	40	6.3x7
50	22	226PGM050M	7.536	65	8x7

Americas / EU
 Phone: 1-508-996-8561
 Email: cdena@cde.com



Asia
 Phone: 852-2793-0931
 Email: cdeasia@cde.com

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