

PLM

+85°C 7mm Height Low-Leakage Radial Lead Aluminum Electrolytic Capacitors



For all timing applications

FEATURES

- Very small size
- Capacitance range: 0.1 μ F to 100 μ F
- Voltage range: 6.3 WVDC to 50 WVDC
- Solvent tolerant end seals standard

SPECIFICATIONS

Capacitance Tolerance		±20% at 120Hz, 20°C													
Operating Temperature Range		-40°C to +85°C													
Dissipation Factor 120Hz, 20°C	WVDC	6.3	10	16	25	35	50								
	tan δ	.24	.20	.16	.14	.12	.10								
Impedance Ratio (Max.) @120Hz	WVDC	6.3	10	16	25	35	50								
	-25/20°C	4	3	2	2	2	2								
	-40/20°C	10	8	6	4	3	3								
Leakage Current	WVDC	≤ 50 WVDC													
	Time	2 minutes													
		.002CV or .4μA whichever is greater													
Load Life		1,000 hours at 85°C with rated WVDC													
		Capacitance change Dissipation factor Leakage current					< 20% of initial measured values <200% of initial specified value <Initial specified value								
Shelf Life		1,000 hours at 85°C with no voltage applied. Units will meet load life specifications.													
Ripple Current Multipliers		Frequency (Hz)										Temperature (°C)			
		50	120	400	1K	10K	100K	+85	+70	+60	+45				
		0.8	1.0	1.3	1.36	1.48	1.53	1.0	1.3	1.5	1.8				

SPECIAL ORDER OPTIONS

(See pages 33 thru 37)

- Special tolerances: $\pm 10\%$ (K), -10% + 30% (Q)
- Tape and Reel/Ammo Pack
- Cut, formed, cut and formed, and snap-in leads
- Epoxy end seal
- Polyester sleeve



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