Vishay Sprague



Aluminum Capacitors Electrolytics



PERFORMANCE CHARACTERISTICS

Operating Temperature: - 55°C to + 125°C.

Capacitance Tolerance: \pm 10%.

Leakage Current: Maximum DC leakage current at $+ 25^{\circ}$ C: 10µF capacitors, 1µA; 25µF capacitors, 1.2µA; 50µF capacitors, 1.5µA; 100µF capacitors, 2µA; 250µF capacitors, 3µA; 500µF capacitors, 5µA.

Equivalent Series Resistance: .3 ohm to 13.3 ohm maximum at 120Hz and $+ 25^{\circ}$ C.

Life Validation Test: Capacitors are capable of withstanding a 2000 hour life test at rated voltage and + 85°C. After test, capacitance value shall not be changed by more than \pm 20%, the equivalent series resistance shall not exceed 150% of initial requirement and the leakage current shall not have exceeded initial requirement.

Shelf Test: After storage for 500 hours at + 85°C with no voltage applied, the capacitance and equivalent series resistance shall meet initial requirements and the DC leakage current shall not exceed 300% of the initial requirements.

FEATURES

- · Designed for use in critical long-interval timing circuits
- Exceptionally high capacitance stability
- · Excellent shelf and life characteristics
- All terminal connections welded, eliminating possibility of "open" or intermittent contacts encountered in pressure connections
- Outer plastic-film insulation and polymer-coated end seals eliminate possible problems with solvent cleaning
- · Standard inventoried product
- · Sizes subject to change without notice



TANDARD RATINGS AND DIMENSIONS in inches [millimeters] Image: state			
CAPACITANCE (μF)	WVDC	D x L	PART NUMBER
	WVDC 25	D x L 0.270 x 0.812 [6.858 x 20.625]	630D100
(μ F)			
(μ F) 10	25	0.270 x 0.812 [6.858 x 20.625]	630D100
(μ F) 10 25	25 25	0.270 x 0.812 [6.858 x 20.625] 0.332 x 0.812 [8.433 x 20.625]	630D100 630D101
(μ F) 10 25 50	25 25 25 25	0.270 x 0.812 [6.858 x 20.625] 0.332 x 0.812 [8.433 x 20.625] 0.332 x 0.937 [8.433 x 23.800]	630D100 630D101 630D102