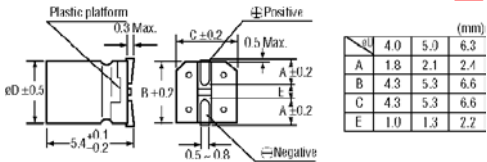


Visit Nichicon's Website at www.nichicon-us.com

UWX Series — Aluminum Electrolytic Capacitors



- ▶ Chip Type with 5.5 mm Height
- ▶ Designed for Surface Mounting on High Density PC Board
- ▶ Applicable to Automatic Mounting Machine Using Carrier Tape
- ▶ Load Life of 2000 Hours at 85°C
- ▶ Operating Temperature Range: -40 ~ +85°C
- ▶ Capacitance Tolerance: $\pm 20\%$ at 120 Hz, 20°C

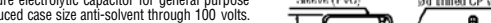
Stock No.	Mfr.'s Type*	Volt	Cap.	Case Size D x L	EACH*		
					100-400	500-900	1000-Up
859-3000	UWX0J101MCR1G	6.3	100.0	6.3 x 5.4	.47	.41	.37
859-3005	UWX1C100MCR1G	16.0	10.0	4.0 x 5.4	.40	.36	.32
859-3010	UWX1C220MCR1G	16.0	22.0	5.0 x 5.4	.44	.39	.35
859-3015	UWX1C470MCR1G	16.0	47.0	6.3 x 5.4	.47	.41	.37
859-3020	UWX1C101MCR1G	16.0	100.0	6.3 x 5.4	.47	.41	.37
859-3025	UWX1E47MCR1G	25.0	4.7	4.0 x 5.4	.44	.36	.32
859-3030	UWX1E100MCR1G	25.0	10.0	5.0 x 5.4	.44	.39	.35
859-3035	UWX1E220MCR1G	25.0	22.0	6.3 x 5.4	.47	.41	.37
859-3040	UWX1E330MCR1G	25.0	33.0	6.3 x 5.4	.47	.41	.37
859-3045	UWX1V100MCR1G	35.0	10.0	5.0 x 5.4	.44	.39	.35
859-3050	UWX1V220MCR1G	35.0	22.0	6.3 x 5.4	.47	.41	.37
859-3055	UWX1H010MCR1G	50.0	1.0	4.0 x 5.4	.40	.36	.32
859-3060	UWX1H2R2MCR1G	50.0	2.2	4.0 x 5.4	.40	.36	.32
859-3065	UWX1H4R7MCR1G	50.0	4.7	5.0 x 5.4	.44	.39	.35
859-3070	UWX1H100MCR1G	50.0	10.0	6.3 x 5.4	.47	.41	.37

*Sold in strips of 100 pieces.

UVR Series Radial Capacitors

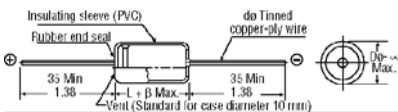
UVR miniature electrolytic capacitor for general purpose features reduced case size anti-solvent through 100 volts. The VR series is most suitable for electronic equipment where a smaller case size is required. The small case size makes it ideal for use with high speed automatic insertion equipment. Load life of 2000 hours at 85°C. Units with Ø 6.3 mm or more are provided with our unique safety case vent.

Capacitance Tolerance: ±20% at 120 Hz, 20°C.
Operating Temperature Range: -40° approximately +85°C.



The technical drawing shows a side view and an end view of the capacitor. The side view labels include: 'Sleeve on (PVC)' at the top, 'Ø 1.1 ± .01' for the main body diameter, 'Safety Vent (Ø6.3 up)' for the vent diameter, 'L + Max.' for the total length, '15 max.' for the lead length, and '4 max.' for the lead diameter. The end view shows a circular face with 'Ø 6.3 ± .01' for the outer diameter and 'P ± 0.1' for the lead pitch.

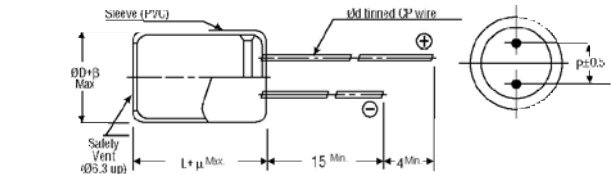
Stock No.	Mfr.'s Type	WVDC	μF	Case Size (D × L)	EACH			
					1-99	100-499	500-999	1000-Up
859-2012	UVRQJ471MPA	6.3	470	6.3 × 11	.45	.24	.18	.15
859-2014	UVRQJ1022MPA	6.3	1000	8 × 11.5	.51	.35	.29	.23
859-2016	UVRQJ222MHMA	6.3	2200	10 × 20	.71	.49	.40	.32
859-2022	UVR1C1000MDA	16.0	10	5 × 11	.19	.10	.08	.06
859-2080	UVR1C470MDA	16.0	47	5 × 11	.27	.16	.11	.08
859-2082	UVR1C101MDA	16.0	100	5 × 11	.35	.20	.15	.10
859-2084	UVR1C222MDA	16.0	220	6 × 11	.47	.26	.15	.10
859-2088	UVR1C471MDA	16.0	470	8 × 11.5	.68	.36	.28	.21
859-2090	UVR1C1022MPA	16.0	1000	10 × 16	.72	.49	.39	.32
859-2094	UVR1C332MHMA	16.0	3300	12.5 × 25	1.72	1.16	.94	.77



TVX Series Axial Capacitors

TVX Compact Series miniature aluminum electrolytic capacitors provide higher component density in solid-state circuitry. Features further miniaturization of both body type aluminum electrolytic lines. **Capacitance:**

Stock No.	Mfr.'s Type	WVDC	µF	Case Size mm (D × L)	EACH			
					1-99	100-499	500-999	1000-Up
859-0119	TVX1C330MAA	16	33	5 × 12	.58	.32	.24	.17
859-0120	TVX1C470MAA	16	47	5 × 12	.89	.52	.36	.27
859-0122	TVX1C101MAA	16	100	6.3 × 16	1.03	.61	.41	.33
859-0124	TVX1C221MAA	16	220	8 × 16	.56	.40	.30	.24
859-0126	TVX1C471MAA	16	470	8 × 20	.66	.47	.34	.29
859-0128	TVX1C102MCA	16	1000	10 × 26	1.58	1.11	.85	.69
859-0130	TVX1C222MCA	16	2200	16 × 31.5	1.71	1.16	.89	.71
859-0132	TVX1C472MCA	16	4700	16 × 41.5	3.55	2.42	1.78	1.45
859-0134	TVX1C103MAA	16	10000	10 × 40	7.48	5.34	4.12	3.37
859-0136	TVX1E100MAA	25	10	5 × 12	.72	.42	.30	.23
859-0138	TVX1E220MAA	25	22	5 × 12	.78	.43	.30	.26
859-0140	TVX1E470MAA	25	47	6.3 × 12	.92	.52	.36	.27
859-0142	TVX1E101MAA	25	100	6.3 × 12	.47	.36	.24	.22
859-0144	TVX1E221MAA	25	220	8 × 16	.78	.56	.40	.32
859-0146	TVX1E471MAA	25	470	10 × 26	1.33	.95	.70	.58
859-0148	TVX1E102MCA	25	1000	13 × 26	2.19	1.50	1.08	.92
859-0150	TVX1E222MCA	25	2200	16 × 31.5	3.01	2.04	1.49	1.22



Stock No.	Mfr.'s Type	WVDC	µF	Case Size mm (D × L)	EACH			
					1-99	100-99	500-999	1000-Up
859-1004	UKL1C100MDAANA	16	10	5 × 11	.43	.26	.17	.13
859-1005	UKL1E407MDAANA	25	10	5 × 11	.43	.26	.17	.12
859-1016	UKL1E100MDAANA	25	10	5 × 11	.42	.26	.17	.12
859-1022	UKL1E101MPAANA	25	100	8 × 11.5	.45	.31	.23	.20
859-1030	UKL1V101MPAANA	35	100	10 × 12.5	.51	.37	.25	.22

UKL Series Radial Capacitors

UKL low leakage current electrolytic capacitor has anti-solvent feature and small size. The UKL series will exhibit only a slight increase in leakage current when subjected to no load at high temperature or shelved for long periods of time at normal temperature. Standard units have capacitance tolerance of $\pm 20\%$ at 120 Hz 20°C. The Nichicon safety vent is standard on capacitors with diameters ≥ 6.3 mm. **Operating Temperature Range:** -40°C to approximately $+105^{\circ}\text{C}$. **Leakage Current:** After one minute of application at rated voltage, leakage current will be no more than 0.002 CV or 0.2 μA , whichever is greater. Other values, tolerances and voltages available as custom orders. Call for pricing and delivery. Manufacturer's literature available upon request.

[illegible]