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UWX Series — Aluminum Electrolytic Capacitors

— NEW —

Diagram of UWX Series Aluminum Electrolytic Capacitor showing dimensions and pin configuration. Dimensions include: Plastic platform (0.3 Max.), C ±0.2, 0.5 Max., A ±0.2, B ±0.2, E ±0.2, 0.5 - 0.8, 5.4 ±0.1, and ØD ±0.5. Pin configuration shows Positive (+) and Negative (-) terminals. A table of dimensions (mm) is provided:

	4.0	5.0	6.3
A	1.8	2.1	2.4
B	4.3	5.3	6.6
C	4.3	5.3	6.6
E	1.0	1.3	2.2

- ▶ 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: ±20% at 120 Hz, 20°C

Stock No.	Mfr.'s Type *	Volt	Cap.	Case Size D × L	EACH*		
					100-400	500-900	1000-Up
859-3000	UWX0J101MCR1GB	6.3	100.0	6.3 × 5.4	.47	.41	.37
859-3005	UWX1C100MCR1GB	16.0	10.0	4.0 × 5.4	.40	.36	.32
859-3010	UWX1C220MCR1GB	16.0	22.0	5.0 × 5.4	.44	.39	.35
859-3015	UWX1C470MCR1GB	16.0	47.0	6.3 × 5.4	.47	.41	.37
859-3020	UWX1C101MCR1GB	16.0	100.0	6.3 × 5.4	.47	.41	.37
859-3025	UWX1E4R7MCR1GB	25.0	4.7	4.0 × 5.4	.40	.36	.32
859-3030	UWX1E100MCR1GB	25.0	10.0	5.0 × 5.4	.44	.39	.35
859-3035	UWX1E220MCR1GB	25.0	22.0	6.3 × 5.4	.47	.41	.37
859-3040	UWX1E330MCR1GB	25.0	33.0	6.3 × 5.4	.47	.41	.37
859-3045	UWX1V100MCR1GB	35.0	10.0	5.0 × 5.4	.44	.39	.35
859-3050	UWX1V220MCR1GB	35.0	22.0	6.3 × 5.4	.47	.41	.37
859-3055	UWX1H010MCR1GB	50.0	1.0	4.0 × 5.4	.40	.36	.32
859-3060	UWX1H2R2MCR1GB	50.0	2.2	4.0 × 5.4	.40	.36	.32
859-3065	UWX1H4R7MCR1GB	50.0	4.7	5.0 × 5.4	.44	.39	.35
859-3070	UWX1H100MCR1GB	50.0	10.0	6.3 × 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.

Stock No.	Mfr.'s Type	WVDC	µF	Case Size mm (D × L)	EACH			
					1-99	100-499	500-999	1000-Up
859-2012	UVR0J471MPA	6.3	470	6.3 × 11	.45	.24	.18	.15
859-2014	UVR0J102MPA	6.3	1000	8 × 11.5	.51	.35	.29	.23
859-2016	UVR0J222MHA	6.3	2200	10 × 20	.71	.49	.40	.32
859-2072	UVR1C100MDA	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	UVR1C221MEA	16.0	220	6.3 × 11	.47	.26	.20	.15
859-2088	UVR1C471MPA	16.0	470	8 × 11.5	.68	.36	.28	.21
859-2090	UVR1C102MPA	16.0	1000	10 × 16	.72	.49	.39	.32
859-2094	UVR1C332MHA	16.0	3300	12.5 × 25	1.72	1.16	.94	.77

Diagram of TVX Series Axial Capacitor showing dimensions and pin configuration. Dimensions include: Insulating sleeve (PVC), Rubber end seal, 35 Min, 1.38, L + B Max., 35 Min, 1.38, Vent (Standard for case diameter 10 mm), ØD ±0.5, and Safety Vent (Ø5.3 up). Pin configuration shows Positive (+) and Negative (-) terminals. A table of dimensions (mm) is provided:

	4.0	5.0	6.3
A	1.8	2.1	2.4
B	4.3	5.3	6.6
C	4.3	5.3	6.6
E	1.0	1.3	2.2

TVX Compact Series miniature aluminum electrolytic capacitors provide higher component density in solid-state circuitry. Features further miniaturization of both body length and diameter for greater CV density when compared to conventional type aluminum electrolytic lines. **Capacitance:** ±20%. **Operating Temperature Range:** -40°C approximately +85°C.

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	TVX1C103MDA	16	10000	22 × 40	7.49	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	TVX1E471MCA	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

Diagram of UKL Series Radial Capacitor showing dimensions and pin configuration. Dimensions include: Sleeve (PVC), Old Tinned CP wire, ØD ±0.5, Safety Vent (Ø5.3 up), L + B Max., 15 Min., and 4 Min. Pin configuration shows Positive (+) and Negative (-) terminals.

Stock No.	Mfr.'s Type	WVDC	µF	Case Size mm (D × L)	EACH			
					1-99	100-499	500-999	1000-Up
859-1004	UKL1C100MDAANA	16	10	5 × 11	.42	.26	.17	.13
859-1014	UKL1E4R7MDAANA	25	4.7	5 × 11	.36	.24	.17	.12
859-1016	UKL1E100MDAANA	25	10	5 × 11	.43	.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 ±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°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.

Stock No.	Mfr.'s Type	WVDC	µF	Case Size mm (D × L)	EACH			
					1-99	100-499	500-999	1000-Up
859-1032	UKL1H010MDAANA	50	1	5 × 11	.38	.23	.16	.12
859-1034	UKL1H2R2MDAANA	50	2.2	5 × 11	.36	.23	.16	.12
859-1040	UKL1H100MDAANA	50	10	5 × 11	.53	.31	.20	.16
859-1044	UKL1H470MPAANA	50	47	8 × 11.5	.45	.31	.23	.20
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