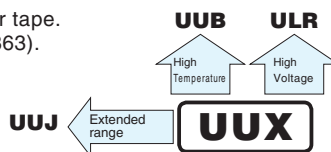


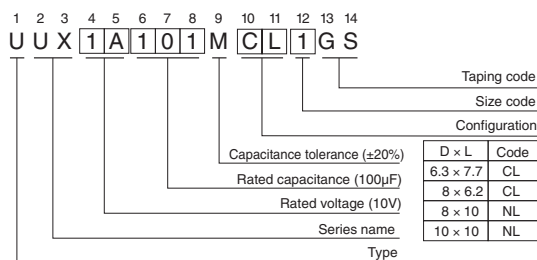
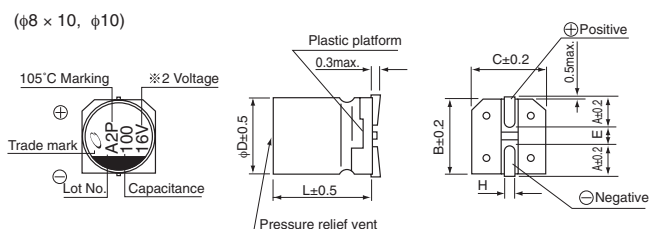
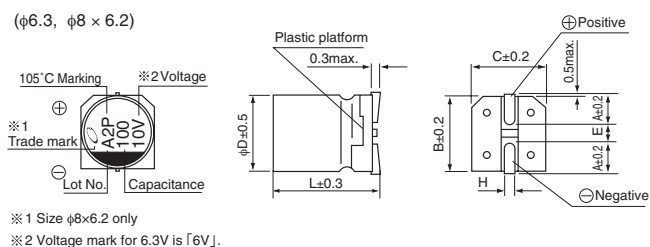
Chip Type, Wide Temperature Range



- Chip type, operating over wide temperature range of to -55 to +105°C.
- Designed for surface mounting on high density PC board.
- Applicable to automatic mounting machine fed with carrier tape.
- Compliant to the RoHS directive (2011/65/EU,(EU)2015/863).
- AEC-Q200 Qualified. Please contact us for details.

[illegible]

Type numbering system (Example : 10V 100 μ F)



	(mm)			
$\phi \times L$	6.3×7.7	8×6.2	8×10	10×10
A	2.4	3.3	2.9	3.2
B	6.6	8.3	8.3	10.3
C	6.6	8.3	8.3	10.3
E	2.2	2.3	3.1	4.5
L	7.7	6.2	10	10
H	0.5 to 0.8	0.5 to 0.8	0.8 to 1.1	0.8 to 1.1

Cap.(μ F) \ Frequency	50 Hz	120 Hz	300 Hz	1 kHz	10 kHz or more
1 to 47	0.80	1.00	1.15	1.40	1.67
100 to 1000	0.85	1.00	1.08	1.20	1.30

CAT.8100N

UUX

■ Dimensions

Rated Voltage (V) (code)	Rated Capacitance (μ F)	Case Size ϕ D×L (mm)	$\tan \delta$	Leakage Current (μ A) (at 20°C after 1 minute)	Rated Ripple (mArms) (105°C/120Hz)	Part Number
6.3 (0J)	220	8×10	0.22	41.58	161	UUX0J221MNL1GS
	220	6.3×7.7	0.22	41.58	121	UUX0J221MCL6GS
	330	8×10	0.22	62.37	288	UUX0J331MNL1GS
	470	10×10	0.22	88.83	340	UUX0J471MNL1GS
	470	8×10	0.22	88.83	316	UUX0J471MNL6GS
	680	10×10	0.22	128.52	408	UUX0J681MNL1GS
	1000	10×10	0.22	189	495	UUX0J102MNL1GS
10 (1A)	100	8×6.2	0.19	30	90	UUX1A101MCL1GS
	220	8×10	0.19	66	173	UUX1A221MNL1GS
	330	10×10	0.19	99	318	UUX1A331MNL1GS
	330	8×10	0.19	99	296	UUX1A331MNL6GS
	470	10×10	0.19	141	351	UUX1A471MNL1GS
	470	8×10	0.19	141	326	UUX1A471MNL6GS
	680	10×10	0.19	204	392	UUX1A681MNL1GS
16 (1C)	100	8×10	0.16	48	148	UUX1C101MNL1GS
	100	6.3×7.7	0.16	48	111	UUX1C101MCL6GS
	220	10×10	0.16	105.6	330	UUX1C221MNL1GS
	220	8×10	0.16	105.6	307	UUX1C221MNL6GS
	330	10×10	0.16	158.4	441	UUX1C331MNL1GS
	330	8×10	0.16	158.4	410	UUX1C331MNL6GS
	470	10×10	0.16	225.6	489	UUX1C471MNL1GS
25 (1E)	47	8×6.2	0.14	35.25	79	UUX1E470MCL1GS
	47	6.3×7.7	0.14	35.25	78	UUX1E470MCL6GS
	100	8×10	0.14	75	181	UUX1E101MNL1GS
	220	10×10	0.14	165	351	UUX1E221MNL1GS
	220	8×10	0.14	165	283	UUX1E221MNL6GS
	330	10×10	0.14	247.5	372	UUX1E331MNL1GS
35 (1V)	33	8×6.2	0.12	34.65	76	UUX1V330MCL1GS
	33	6.3×7.7	0.12	34.65	75	UUX1V330MCL6GS
	47	8×10	0.12	49.35	124	UUX1V470MNL1GS
	100	10×10	0.12	105	304	UUX1V101MNL1GS
	100	8×10	0.12	105	283	UUX1V101MNL6GS
	220	10×10	0.12	231	450	UUX1V221MNL1GS
50 (1H)	22	8×6.2	0.10	33	67	UUX1H220MCL1GS
	22	6.3×7.7	0.10	33	64	UUX1H220MCL6GS
	33	8×10	0.10	49.5	133	UUX1H330MNL1GS
	47	10×10	0.10	70.5	180	UUX1H470MNL1GS
	47	8×10	0.10	70.5	167	UUX1H470MNL6GS
	100	10×10	0.10	150	310	UUX1H101MNL1GS
63 (1J)	10	8×6.2	0.10	18.9	51	UUX1J100MCL1GS
	22	8×10	0.10	41.58	108	UUX1J220MNL1GS
	33	10×10	0.10	62.37	185	UUX1J330MNL1GS
	33	8×10	0.10	62.37	179	UUX1J330MNL6GS
	47	10×10	0.10	88.83	220	UUX1J470MNL1GS
	100	10×10	0.10	189	320	UUX1J101MNL1GS

UUX

■ Dimensions

Rated Voltage (V) (code)	Rated Capacitance (μ F)	Case Size ϕ D $\times$ L (mm)	$\tan \delta$	Leakage Current (μ A) (at 20°C after 1 minute)	Rated Ripple (mA _{rms}) (105°C/120Hz)	Part Number
100 (2A)	4.7	8 $\times$ 6.2	0.08	14.1	42	UUX2A4R7MCL1GS
	10	8 $\times$ 10	0.08	30	75	UUX2A100MNL1GS
	22	10 $\times$ 10	0.08	66	150	UUX2A220MNL1GS
	22	8 $\times$ 10	0.08	66	121	UUX2A220MNL6GS
	33	10 $\times$ 10	0.08	99	180	UUX2A330MNL1GS
	47	10 $\times$ 10	0.08	141	230	UUX2A470MNL1GS
160 (2C)	10	8 $\times$ 10	0.20	164	57	UUX2C100MNL1GS
	18	10 $\times$ 10	0.20	215.2	64	UUX2C180MNL1GS
200 (2D)	3.3	8 $\times$ 10	0.20	126.4	31	UUX2D3R3MNL1GS
	3.9	8 $\times$ 10	0.20	131.2	34	UUX2D3R9MNL1GS
	4.7	8 $\times$ 10	0.20	137.6	37	UUX2D4R7MNL1GS
	6.8	8 $\times$ 10	0.20	154.4	44	UUX2D6R8MNL1GS
	10	10 $\times$ 10	0.20	180	64	UUX2D100MNL1GS
250 (2E)	3.3	8 $\times$ 10	0.20	133	31	UUX2E3R3MNL1GS
	3.9	8 $\times$ 10	0.20	139	34	UUX2E3R9MNL1GS
	4.7	8 $\times$ 10	0.20	147	37	UUX2E4R7MNL1GS
	6.8	8 $\times$ 10	0.20	168	44	UUX2E6R8MNL1GS
	10	10 $\times$ 10	0.20	200	64	UUX2E100MNL1GS
400 (2G)	1	8 $\times$ 10	0.25	116	25	UUX2G010MNL1GS
	1.8	8 $\times$ 10	0.25	128.8	26	UUX2G1R8MNL1GS
	2.2	8 $\times$ 10	0.25	135.2	27	UUX2G2R2MNL1GS
	3.3	10 $\times$ 10	0.25	152.8	38	UUX2G3R3MNL1GS
	3.9	10 $\times$ 10	0.25	162.4	39	UUX2G3R9MNL1GS
	4.7	10 $\times$ 10	0.25	175.2	40	UUX2G4R7MNL1GS

- For taping specifications, recommended land size/soldering by reflow and minimum order quantity, please refer to the Guidelines for Aluminum Electrolytic Capacitors.
- Please select UUU if high C/V products are required.