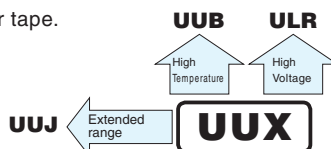


Chip Type, Wide Temperature Range



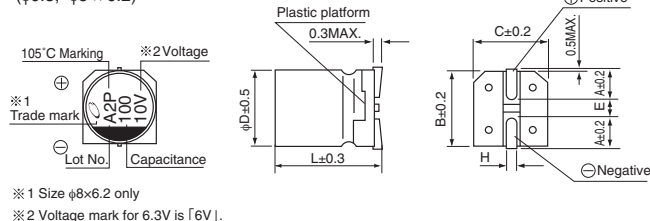
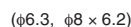
Anti-Solvent
Feature
(Through
100V only)

- 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).

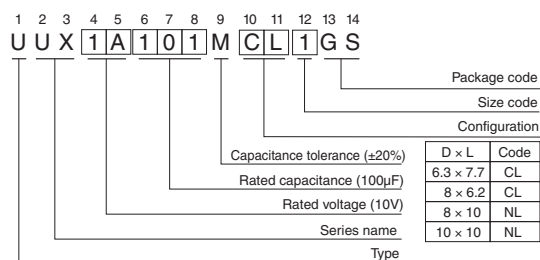
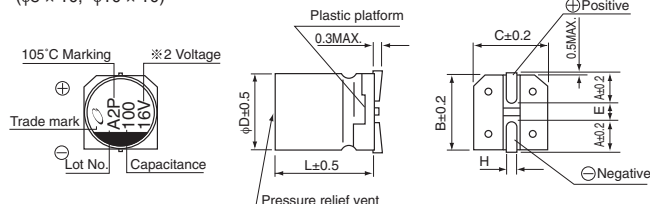
[illegible]

■ Chip Type

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



($\phi 8 \times 10$, $\phi 10 \times 10$)



	(mm)			
$\phi D \times L$	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

- Dimension table in next page.

UUX

■ Dimensions

Cap. (μF)	V	6.3		10		16		25		35		50		63		100	
		Code	0J	1A	1C	1E	1V	1H	1J	2A							
4.7	4R7															8x6.2	42
10	100													8x6.2	51	8x10	75
22	220											○ 8x6.2	67(64)	8x10	108	■10x10	150(121)
33	330									○ 8x6.2	76(75)	8x10	133	■10x10	185(179)	10x10	180
47	470						○ 8x6.2	79(78)	8x10	124	■10x10	180(167)	10x10	220	10x10	230	
100	101			8x6.2	90	○ 8x10	148(111)	8x10	181	■ 10x10	304(283)	10x10	310	10x10	320		
220	221	○ 8x10	161(121)	8x10	173	■ 10x10	330(307)	■10x10	351(283)	10x10	450						
330	331	8x10	288	■10x10	318(296)	■ 10x10	441(410)	10x10	372								
470	471	■ 10x10	340(316)	■10x10	351(326)	10x10	489										
680	681	10x10	408	10x10	392												
1000	102	10x10	495													Case size φD x L (mm)	Rated ripple

Cap. (μF)	V	160		200		250		400	
	Code	2C		2D		2E		2G	
1	010							8×10	25
1.8	1R8							8×10	26
2.2	2R2							8×10	27
3.3	3R3			8×10	31	8×10	31	10×10	38
3.9	3R9			8×10	34	8×10	34	10×10	39
4.7	4R7			8×10	37	8×10	37	10×10	40
6.8	6R8			8×10	44	8×10	44		
10	100	8×10	57	10×10	64	10×10	64		
18	180	10×10	64						

Rated ripple current (mArms) at 105°C 120Hz

Size φ6.3 × 7.7 is available for capacitors marked. "○" / Size φ8 × 10 is available for capacitors marked. "■"
 ※ In this case, [6] will be put at 12th digit of type numbering system.

● Frequency coefficient of rated ripple current

Cap.(μF)	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

- Taping specifications are given in page 23.
- Recommended land size, soldering by reflow are given in page 18, 19.
- Please select UUX(p.158) if high C/V products are required.
- Please refer to page 3 for the minimum order quantity.