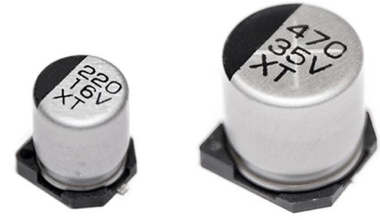


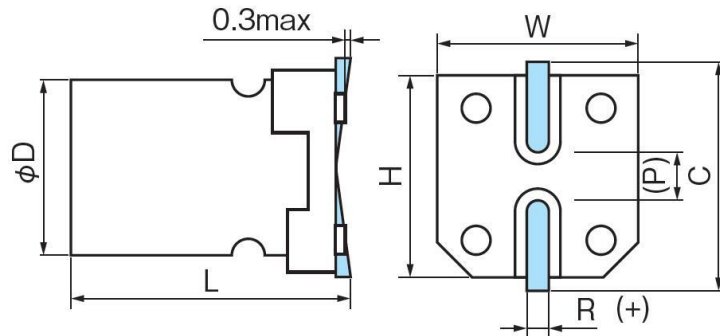
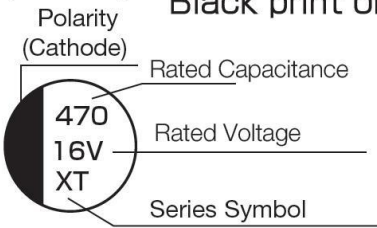
FEATURES

- 105°C 2,000Hours Standard
- Solvent proof (within 2 minutes)

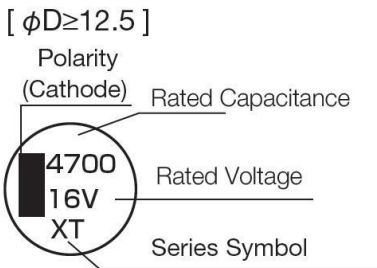


DIMENSIONS (mm)

[$\phi D \leq 10$] Black print on the case top



A pressure relief vent is provided for $\phi D=8$ or bigger



$\phi D^{\pm 0.5}$	L	$W^{\pm 0.2}$	$H^{\pm 0.2}$	$C^{\pm 0.2}$	R	$p^{\pm 0.2}$
4	$5.4^{\pm 0.4}$	4.3	4.3	5.1	0.5~0.8	1
5	$5.4^{\pm 0.4}$	5.3	5.3	6.1	0.5~0.8	1.3
6.3	$5.4^{\pm 0.4}$	6.6	6.6	7.3	0.5~0.8	2.2
6.3	$7.7^{\pm 0.4}$	6.6	6.6	7.3	0.5~0.8	2.2
8	$6.5^{\pm 0.5}$	8.3	8.3	9.2	0.7~1.2	3.1
8	$10.5^{\pm 0.5}$	8.3	8.3	9.2	0.7~1.2	3.1
10	$7.7^{\pm 0.5}$	10.3	10.3	11.2	0.7~1.2	4.4
10	$10.5^{\pm 0.5}$	10.3	10.3	11.2	0.7~1.2	4.4
10	$13.5^{\pm 0.5}$	10.3	10.3	11.2	0.7~1.2	4.4
12.5	$13.5^{\pm 0.5}$	13	13	14	1.0~1.4	4.4
12.5	$16.0^{\pm 0.5}$	13	13	14	1.0~1.4	4.4
16	$16.5^{\pm 0.5}$	17	17	18	1.0~1.4	6.4



SPECIFICATIONS

Items	Condition	Specifications										
		4	6.3	10	16	25	35	50	63	100		
Rated voltage (V)	—	4	6.3	10	16	25	35	50	63	100		
Surge voltage (V)	Room temperature	5	8	13	20	32	44	63	79	125		
Category temperature range (°C)	—	-55 to +105										
Capacitance tolerance (%)	120Hz/20°C	M : ±20										
Dissipation Factor (tan δ)	tan δ (max) 120Hz/20°C	φ4 to φ10	0.35	0.3	0.24	0.2	0.18	0.16	0.14	0.14	0.14	
		φ12.5 to φ16	0.4	0.38	0.34	0.3	0.28	0.22	0.18	0.16	0.16	
	Exceeding 1,000μF, +0.02 every 1,000μF											
Leakage current (LC)	μA/after 2 minutes (max)	The greater value of either 0.01CV or 3μA										
Impedance ratio at low temperature	Based on the value at 120Hz, +20°C	-25°C	Z/Z _{20°C}	7	4	3	2	2	2	2	2	
		-55°C	Z/Z _{20°C}	15	8	6	4	4	3	3	3	
Endurance	105°C, 2,000hours rated voltage applied (With the rated ripple current)	ΔC/C	Within ±25% of the initial value									
		tanδ	Less than 250% of the specified value									
		LC	Less than the specified value									

RATED RIPPLE CURRENT FREQUENCY COEFFICIENT

Frequency:F(Hz)		100≤F<1k	1k≤F<10k	10k≤F<100k	100k≤F
Capacitance:C(μF)	C≤4.7	1	1.3	1.5	1.8
	4.7<C≤33	1	1.2	1.3	1.45
	33<C	1	1.1	1.2	1.3



STANDARD RATINGS

μF \ V	4		6.3		10		16		25	
	Size	RC	Size	RC	Size	RC	Size	RC	Size	RC
4.7							4×5.4	13	4×5.4	14
10							4×5.4	19	4×5.4	16
									5×5.4	23
22	4×5.4	23	4×5.4	23	4×5.4	23	4×5.4	23	5×5.4	32
							5×5.4	32	6.3×5.4	39
33	4×5.4	25	4×5.4	25	4×5.4	25	5×5.4	35	5×5.4	35
	5×5.4	35	5×5.4	35	5×5.4	35	6.3×5.4	45	6.3×5.4	45
47	4×5.4	30	4×5.4	30	4×5.4	30	5×5.4	38	6.3×5.4	60
	5×5.4	38	5×5.4	38	5×5.4	38	6.3×5.4	55	8×6.5	80
56	4×5.4	39	5×5.4	46	6.3×5.4	57	6.3×5.4	74	6.3×5.4	82
68	5×5.4	45	6.3×5.4	62	6.3×5.4	72	6.3×5.4	80	6.3×5.4	94
100	5×5.4	45	5×5.4	55	5×5.4	60	6.3×5.4	80	6.3×5.4	80
	6.3×5.4	60	6.3×5.4	65	6.3×5.4	70	8×6.5	120	6.3×7.7	100
150	6.3×5.4	70	6.3×5.4	55	6.3×5.4	62	6.3×7.7	105	6.3×7.7	120
							8×6.5	120	8×10.5	140
220	6.3×5.4	85	6.3×5.4	95	6.3×5.4	95	6.3×7.7	120	8×10.5	200
			6.3×7.7	120	6.3×7.7	120	8×6.5	105	10×7.7	180
							8×10.5	180		
330	6.3×7.7	100	6.3×7.7	120	6.3×7.7	135	8×10.5	195	8×10.5	220
			8×6.5	105	8×10.5	195	10×7.7	185	10×10.5	240
470	6.3×7.7	105	6.3×7.7	120	6.3×7.7	120	8×10.5	270	10×10.5	280
	8×6.5	105	8×10.5	230	8×10.5	230	10×10.5	300		
680	8×10.5	210	8×10.5	230	8×10.5	230	10×10.5	315	10×10.5	245
			10×7.7	210	10×10.5	270				
1000	8×10.5	230	8×10.5	290	8×10.5	290	10×10.5	340		
	10×7.7	210	10×10.5	315	10×10.5	315				
1500	10×10.5	315	10×10.5	410	10×10.5	335				
2200	10×10.5	340								



μF V	35		50		63		100	
	Size	RC	Size	RC	Size	RC	Size	RC
0.1			4×5.4	2	4×5.4	2		
0.22			4×5.4	4	4×5.4	4		
0.33			4×5.4	4	4×5.4	4		
0.47			4×5.4	5	4×5.4	5		
1			4×5.4	8	4×5.4	8	4×5.4	8
2.2			4×5.4	11	4×5.4	11	5×5.4	12
							6.3×5.4	14
3.3	4×5.4	13	4×5.4	14	5×5.4	14	6.3×7.7	32
					6.3×5.4	30	8×6.5	30
4.7	4×5.4	15	4×5.4	14	5×5.4	19	5×5.4	15
			5×5.4	19	6.3×5.4	25	6.3×5.4	21
							6.3×7.7	35
10	4×5.4	18	5×5.4	20	6.3×5.4	24	6.3×5.4	25
	5×5.4	25	6.3×5.4	31	6.3×7.7	39	6.3×7.7	35
					8×6.5	25	8×10.5	77
22	5×5.4	34	6.3×5.4	42	6.3×7.7	49	8×10.5	84
	6.3×5.4	42	6.3×7.7	51	8×6.5	55	10×10.5	126
			8×6.5	70	8×10.5	98		
33	6.3×5.4	50	6.3×7.7	60	8×10.5	112	10×10.5	133
	8×6.5	85	8×6.5	70				
47	6.3×5.4	58	6.3×7.7	63	8×10.5	119	10×10.5	140
	6.3×7.7	78	8×6.5	85	10×10.5	160	↑ Case size:φDxL(mm)	↑ Rated ripple current:mArms(120Hz, 105°C)
	8×6.5	85	8×10.5	120				
68	6.3×7.7	80	8×6.5	70	10×10.5	140		
	8×6.5	90	8×10.5	120				
100	6.3×7.7	92	8×10.5	160	10×10.5	196		
	8×10.5	150	10×10.5	180				
	10×7.7	160	10×7.7	160				
150	8×10.5	185	10×10.5	200				
220	8×10.5	220	10×10.5	220				
	10×10.5	250						
330	10×10.5	300						
470	10×10.5	310						

Note: Other Values are available on request. WEET is capable of doing custom service for you.



PN Structure

WXT	0J	0R1	M	040054	T	R
Series	Rated Voltage	Capacitance	Capacitance Tolerance	Dimension	Packing	Pb
	1.	2.	3.	4.	5.	6.

1. Rated Voltage

Code	0J	1A	1C	1D	1E	1V	1G	1H	1J	1K	2A
Voltage	6.3V	10V	16V	20V	25V	35V	40V	50V	63	80V	100V

2. Capacitance

Code	0R1	R22	R33	R47	010	2R2	3R3	4R7	100	220	330	470	101
Capacitance (μF)	0.1	0.22	0.33	0.47	1	2.2	3.3	4.7	10	22	33	47	100

3. Capacitance Tolerance

Code	K	L	M
Tolerance	±10%	±15%	±20%

4. Dimension

Code	040054	050054	063054	080105	100105
Dimension (mm)	4x5.4	5x5.4	6.3x5.4	8x10.5	10x10.5

5. Packing

Code	T
Packing	Tape & Reel

6. Pb

Code	L	R
Pb	Leaded	RoHS

