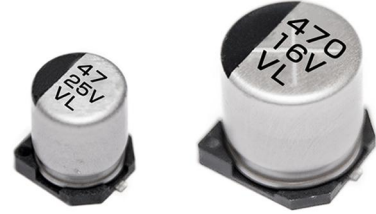


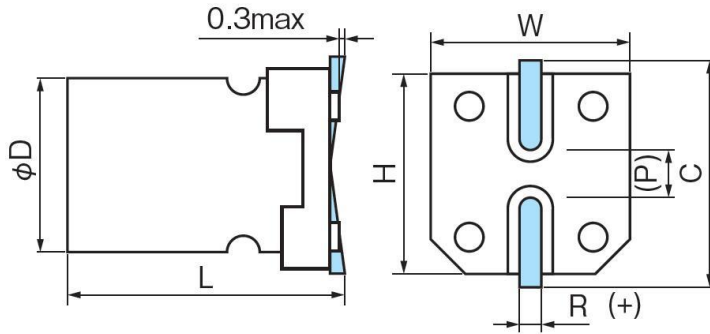
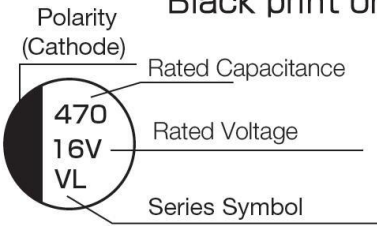
FEATURES

- 105°C 3,000Hours
- Solvent proof (within 2 minutes)

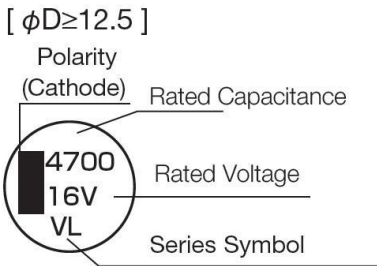


DIMENSIONS (mm)

[$\phi D \leq 10$] 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	5.8 ± 0.4	4.3	4.3	5.1	0.5~0.8	1
5	5.8 ± 0.4	5.3	5.3	6.1	0.5~0.8	1.3
6.3	5.8 ± 0.4	6.6	6.6	7.3	0.5~0.8	2.2
6.3	7.7 ± 0.4	6.6	6.6	7.3	0.5~0.8	2.2
8	6.5 ± 0.5	8.3	8.3	9.2	0.7~1.2	3.1
8	10.5 ± 0.5	8.3	8.3	9.2	0.7~1.2	3.1
10	7.7 ± 0.5	10.3	10.3	11.2	0.7~1.2	4.4
10	10.5 ± 0.5	10.3	10.3	11.2	0.7~1.2	4.4
10	13.5 ± 0.5	10.3	10.3	11.2	0.7~1.2	4.4
12.5	13.5 ± 0.5	13	13	14	1.0~1.4	4.4
12.5	16.0 ± 0.5	13	13	14	1.0~1.4	4.4
16	16.5 ± 0.5	17	17	18	1.0~1.4	6.4



SPECIFICATIONS

Items	Condition		Specifications									
Rated voltage (V)	—		6.3	10	16	25	35	50	63	80	100	
Surge voltage (V)	Room temperature		8.0	13	20	32	44	63	79	100	125	
Category temperature range (°C)	—		-55 to +105									
Capacitance tolerance (%)	120Hz/20°C		M : ±20									
Dissipation Factor (tan δ)	tanδ (max) 120Hz/20°C	φ4 to φ10	0.3	0.24	0.2	0.18	0.16	0.14	0.14	0.14	0.14	0.14
		φ12.5 to φ16	0.38	0.34	0.3	0.28	0.22	0.18	0.16	0.16	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	2
		-55°C	Z/Z _{20°C}	15	8	6	4	4	4	3	3	3
Endurance	105°C, 3,000hours rated voltage applied (With the rated ripple current)	ΔC/C	Within ±30% of the initial value									
		tanδ	Less than 300% 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	6.3		10		16		25		35	
	Size	RC	Size	RC	Size	RC	Size	RC	Size	RC
4.7							4×5.8	13	4×5.8	14
10					4×5.8	18	5×5.8	20	5×5.8	21
22	4×5.8	22	5×5.8	25	5×5.8	27	6.3×5.8	36	6.3×5.8	38
33	5×5.8	27	5×5.8	30	6.3×5.8	40	6.3×5.8	60	6.3×7.7	84
47	5×5.8	33	6.3×5.8	41	6.3×5.8	48	6.3×7.7	90	8×10.5	98
100	6.3×5.8	50	6.3×5.8	53	6.3×5.8	60	8×6.5	120	8×10.5	130
150	6.3×5.8	55	6.3×7.7	105	6.3×7.7	95	8×10.5	140	10×10.5	315
220	6.3×7.7	100	8×10.5	210	8×10.5	210	10×7.7	180	10×10.5	315
330	8×6.5	150	8×10.5	210	8×10.5	210	10×10.5	315	10×10.5	315
					10×7.7	195				
470	8×10.5	210	10×7.7	210	8×10.5	230	10×10.5	315		
			10×10.5	315	10×10.5	315				
680	8×10.5	210	10×10.5	315	10×10.5	315				
	10×7.7	210								
1000	10×10.5	315	10×10.5	315	10×10.5	315				
1500	10×10.5	315								



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μF \ V	50		63		80		100	
	Size	RC	Size	RC	Size	RC	Size	RC
0.47	4×5.8	5						
1	4×5.8	10						
2.2	4×5.8	16						
3.3	4×5.8	16						
4.7	5×5.8	23	5×5.8	30				
10	6.3×5.8	35	6.3×5.8	50	6.3×7.7	60	10×7.7	130
22	6.3×7.7	70	6.3×7.7	84	8×10.5	130	8×10.5	130
33	8×10.5	85	8×10.5	130	8×10.5	130	10×10.5	200
47	8×10.5	90	8×10.5	130	10×7.7	130		
68	8×10.5	95			10×10.5	190		
	10×7.7	100						
100	10×10.5	100	10×10.5	190	10×10.5	190		
150	10×10.5	100						

↑ Case size:φDxL(mm) ↑ Rated ripple current:mArms(120Hz, 105°C)

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



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PN Structure

WVL	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	63V	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

