

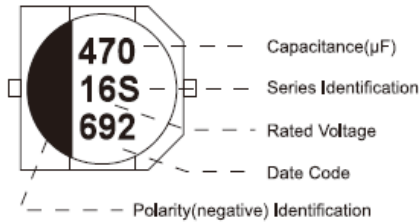


- Endurance: 105°C, 1000 hours
- Recommended Applications: Suitable for AV(TV,Video,Audio),Monitor/Computer, Home appliance, OA/HA/Communication
- Corresponding product to RoHS

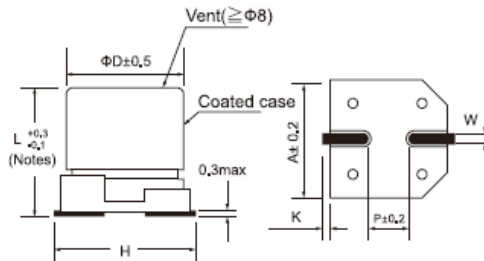
Specifications

Item	Characteristics																														
Category Temperature Range	-55 ~ +105°C																														
Rated Voltage Range	4 ~ 100VDC																														
Rated Capacitance Range	1 ~ 1500 μF																														
Capacitance Tolerance	± 20 % at 120Hz, 20°C																														
Leakage Current (20°C)	$I \leq 0.01CV$ or $3 \mu A$, whichever is greater. (After rated voltage applied for 2 minutes) I : Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V)																														
Dissipation Factor(MAX) (tan δ) (120Hz, 20°C)	Shown in the table of standard rating																														
Low Temperature Stability Impedance Ratio (MAX)	<table border="1"> <thead> <tr> <th>WV Z(120HZ)</th> <th>4</th> <th>6.3</th> <th>10</th> <th>16</th> <th>25</th> <th>35</th> <th>50</th> <th>63</th> <th>100</th> </tr> </thead> <tbody> <tr> <td>Z(-25°C) / Z(20°C)</td> <td>7</td> <td>4</td> <td>3</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> </tr> <tr> <td>Z(-40°C) / Z(20°C)</td> <td>15</td> <td>8</td> <td>6</td> <td>4</td> <td>4</td> <td>3</td> <td>3</td> <td>3</td> <td>3</td> </tr> </tbody> </table>	WV Z(120HZ)	4	6.3	10	16	25	35	50	63	100	Z(-25°C) / Z(20°C)	7	4	3	2	2	2	2	2	2	Z(-40°C) / Z(20°C)	15	8	6	4	4	3	3	3	3
WV Z(120HZ)	4	6.3	10	16	25	35	50	63	100																						
Z(-25°C) / Z(20°C)	7	4	3	2	2	2	2	2	2																						
Z(-40°C) / Z(20°C)	15	8	6	4	4	3	3	3	3																						
Endurance	<p>After applying rated voltage for 1000hrs at 105°C, Stay back to 20 °C temperature measurement, the capacitors shall meet the following requirements.</p> <table border="1"> <tbody> <tr> <td>Capacitance Change</td> <td>Within ±20% of the initial value</td> </tr> <tr> <td>Dissipation Factor</td> <td>Not more than 200% of the specified value</td> </tr> <tr> <td>Leakage Current</td> <td>Not more than the specified value</td> </tr> </tbody> </table>	Capacitance Change	Within ±20% of the initial value	Dissipation Factor	Not more than 200% of the specified value	Leakage Current	Not more than the specified value																								
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Shelf Life	After placed at 105°C without voltage applied for 1000 hours, Stay back to 20 °C temperature measurement, the capacitor shall meet the same requirement as Endurance.																														

MARKING



Dimensions [mm]



(Notes) Φ8 ~ Φ10&6.3X7.7=L±0.3

Dimensions	ΦD	L	A	H	W	P	K
B01	4.0	5.4	4.3	5.5 Max	0.65±0.1	1.0	0.35+0.15/-0.2
C01	5.0	5.4	5.3	6.5 Max	0.65±0.1	1.5	0.35+0.15/-0.2
E01	6.3	5.4	6.6	7.8 Max	0.65±0.1	1.8	0.35+0.15/-0.2
E04	6.3	7.7	6.6	7.8 Max	0.65±0.1	1.8	0.35+0.15/-0.2
G03	8.0	10.2	8.3	10.0 Max	0.90±0.2	3.1	0.70±0.20
H03	10.0	10.2	10.3	12.0 Max	0.90±0.2	4.6	0.70±0.20

Multiplier for Ripple Current

Frequency (Hz)	60	120	1K	10K
Coefficient	0.85	1.00	1.15	1.25

■ STANDARD RATINGS

Rated Voltage (Surge Voltage) (V)	Cap (μF)	Case size Φ DxL(mm)	tan δ	Ripple current (mA/rms 105°C) (120Hz)	Rated Voltage (Surge Voltage) (V)	Cap (μF)	Case size Φ DxL(mm)	tan δ	Ripple current (mA/rms 105°C) (120Hz)	
4(5)	22	4x5.4	0.35	20	25(32)	22	6.3x5.4	0.14	55	
	33	4x5.4	0.35	26		33	5x5.4	0.14	45	
	47	4x5.4	0.35	34		47	6.3x5.4	0.16	65	
	100	5x5.4	0.35	61			6.3x5.4	0.16	71	
	220	6.3x5.4	0.35	82		100	6.3x7.7	0.16	91	
6.3(8)	22	4x5.4	0.30	29			6.3x7.7	0.16	95	
	33	4x5.4	0.30	43			220	8x10.2	0.16	130
	47	4x5.4	0.30	43		8x10.2		0.16	160	
	47	5x5.4	0.30	46		330	10x10.2	0.16	273	
			0.35	47			8x10.2	0.16	180	
	100	6.3x5.4	0.35	71	470	10x10.2	0.16	340		
		6.3x5.4	0.35	74		10x10.2	0.16	360		
	10(13)	220	6.3x7.7	0.35	120	35(44)	2.2	4x5.4	0.12	15
			6.3x7.7	0.35	175		3.3	4x5.4	0.12	18
		330	8x10.2	0.35	230		4.7	4x5.4	0.12	22
8x10.2			0.35	300	10		4x5.4	0.12	25	
470		8x10.2	0.35	300			5x5.4	0.12	30	
		1000	10x10.2	0.35	400		22	5x5.4	0.14	35
10x10.2			0.35	480	6.3x5.4			0.14	60	
16(20)		1500	10x10.2	0.35	480		33	6.3x5.4	0.14	60
			6.3x5.4	0.30	24			6.3x7.7	0.14	84
		22	4x5.4	0.30	36		47	6.3x5.4	0.14	60
	33	4x5.4	0.30	45	6.3x7.7	0.14		84		
	33	5x5.4	0.30	46	100	8x10.2	0.14	120		
		5x5.4	0.30	46		8x10.2	0.14	98		
	47	6.3x5.4	0.30	70	220	6.3x7.7	0.14	105		
		6.3x5.4	0.30	71		10x10.2	0.14	170		
	150	6.3x7.7	0.30	110	330	8x10.2	0.14	240		
		6.3x5.4	0.30	86		10x10.2	0.14	250		
220	6.3x7.7	0.3	115	50(63)	1	4x5.4	0.12	10		
	8x10.2	0.26	160		2.2	4x5.4	0.12	16		
330	8x10.2	0.26	200		3.3	4x5.4	0.12	16		
	8x10.2	0.26	230		4.7	5x5.4	0.12	23		
470	10x10.2	0.26	270		10	6.3x5.4	0.12	35		
	10x10.2	0.26	390		22	6.3x7.7	0.12	65		
25(32)	4.7	4x5.4	0.16		20	33	6.3x7.7	0.12	70	
		4x5.4	0.16		28		8x10.2	0.12	91	
	10	4x5.4	0.16		28	47	6.3x7.7	0.12	75	
		5x5.4	0.16		39		8x10.2	0.12	95	
	22	5x5.4	0.20	39	100	8x10.2	0.12	110		
		6.3x5.4	0.20	65		10x10.2	0.12	145		
	33	5x5.4	0.20	39	220	10x10.2	0.12	210		
		6.3x5.4	0.20	70		4.7	6.3x5.4	0.18	20	
	47	6.3x5.4	0.20	70	63(79)	10	6.3x5.4	0.18	20	
		6.3x5.4	0.20	70		22	8x10.2	0.18	30	
100	6.3x7.7	0.20	130	33		8x10.2	0.18	30		
	6.3x7.7	0.20	105	47		8x10.2	0.18	45		
220	8x10.2	0.20	150	100		10x10.2	0.18	60		
	8x10.2	0.20	170			3.3	8x10.2	0.18	30	
330	10x10.2	0.20	230	100(125)	4.7	8x10.2	0.18	50		
	8x10.2	0.20	230		10	8x10.2	0.18	55		
470	10x10.2	0.20	340		22	10x10.2	0.18	60		
	10x10.2	0.20	380		33	10x10.2	0.18	65		
25(32)	4.7	4x5.4	0.14	22	47	10x10.2	0.18	65		
	10	4x5.4	0.14	22						
		5x5.4	0.14	28						
	22	5x5.4	0.14	35						