

Jamicon Series : CT

Teapo Series : SV

General purpose Series

■ Endurance:105℃, 1000 hours

■ Recommended Applications: Suitable for AV(TV,Video,Audio),Monitor/Computer, Home appliance, OA/HA/Commu

■ Corresponding product to RoHS



Jamicon



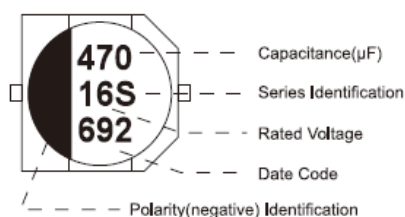
Teapo

Specifications

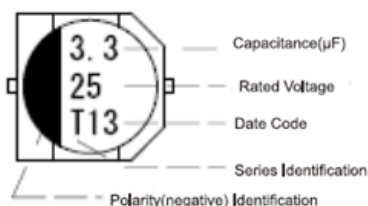
Item	Characteristics																																							
Category Temperature Range	-55 ~ +105℃																																							
Rated Voltage Range	4 ~ 100VDC																																							
Rated Capacitance Range	1 ~ 1500 μ F																																							
Capacitance Tolerance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

MARKING

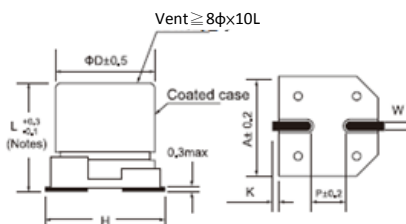
Dimensions [mm]



Teapo



Jamicon



(Notes) $\Phi 8 \sim \Phi 10 \& 6.3 \times 7.7 = L \pm 0.3$

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	2.1	$0.35 + 0.15 / - 0.2$
E04	6.3	7.7	6.6	7.8 Max	0.65 ± 0.1	2.1	$0.35 + 0.15 / - 0.2$
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

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■ STANDARD RATINGS

Rated Voltage (SurageVoltage) (V)	Cap (μ F)	Case size Φ DxL(mm)	$\tan \delta$	Ripple current (mA/rms 105°C) (120Hz)	Rated Voltage (SurageVoltage) (V)	Cap (μ F)	Case size Φ DxL(mm)	$\tan \delta$	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	0.14	65	
	100	5x5.4	0.35	61			6.3x5.4	0.14	71	
	220	6.3x5.4	0.35	82			6.3x7.7	0.14	91	
6.3(8)	22	4x5.4	0.30	29		100	6.3x7.7	0.14	95	
	33	4x5.4	0.30	43			8x10.2	0.16	140	
	47	4x5.4	0.30	43			8x10.2	0.16	200	
		5x5.4	0.30	46			10x10.2	0.16	273	
	100	5x5.4	0.30	47			330	8x10.2	0.16	250
		6.3x5.4	0.30	71			10x10.2	0.16	340	
	220	6.3x5.4	0.30	74		470	10x10.2	0.16	360	
		6.3x7.7	0.30	120	35(44)	2.2	4x5.4	0.12	15	
	330	6.3x7.7	0.30	175		3.3	4x5.4	0.12	18	
		8X10.2	0.35	230		4.7	4x5.4	0.12	22	
	470	8x10.2	0.35	300		10	4x5.4	0.12	25	
		8x10.2	0.35	300		22	5x5.4	0.12	30	
	1000	10x10.2	0.35	400			5x5.4	0.12	35	
1500		10x10.2	0.35	480		6.3x5.4	0.12	60		
	10(13)	10	4x5.4	0.22		24	33	6.3x5.4	0.12	60
22		4x5.4	0.22	36		6.3x7.7		0.12	84	
33		4x5.4	0.22	45		47		6.3X5.4	0.12	60
		5x5.4	0.22	46			6.3x7.7	0.12	84	
47		5x5.4	0.22	46			8X10.2	0.14	100	
		6.3X5.4	0.22	70		100	6.3x7.7	0.14	105	
100		6.3x5.4	0.22	71			8X10.2	0.14	150	
		6.3X7.7	0.22	110		220	8x10.2	0.14	220	
150		6.3X5.4	0.22	86			10x10.2	0.14	250	
220		6.3x7.7	0.22	115		330	10x10.2	0.14	300	
		8X10.2	0.26	160		50(63)	1	4x5.4	0.12	10
330		8x10.2	0.26	200	2.2		4x5.4	0.12	16	
		470	8x10.2	0.26	230		3.3	4x5.4	0.12	16
10x10.2			0.26	270	4.7		5x5.4	0.12	23	
16(20)		1000	10x10.2	0.26	390		10	6.3x5.4	0.12	35
	4.7	4x5.4	0.16	20	22		6.3x7.7	0.12	65	
	10	4x5.4	0.16	28	33		6.3x7.7	0.12	70	
	22	4X5.4	0.16	28			8x10.2	0.12	91	
		5x5.4	0.16	39			47	6.3x7.7	0.12	75
	33	5x5.4	0.16	39	8x10.2			0.12	95	
		6.3x5.4	0.16	65	100	8x10.2	0.12	110		
	47	5x5.4	0.16	39		10x10.2	0.12	145		
		6.3x5.4	0.16	70	220	10x10.2	0.12	210		
	100	6.3x5.4	0.16	80	63(79)	4.7	6.3x5.4	0.18	20	
		6.3x7.7	0.16	130		10	6.3x5.4	0.18	20	
	220	6.3x7.7	0.16	105		22	8x10.2	0.18	30	
		8x10.2	0.20	180		33	8x10.2	0.18	30	
330	8x10.2	0.20	220	47		8x10.2	0.18	45		
	10x10.2	0.20	260	100	10x10.2	0.18	60			
25(32)	470	8x10.2	0.20	270	100(125)	3.3	8X10.2	0.18	30	
		10x10.2	0.20	340		4.7	8X10.2	0.18	50	
	680	10x10.2	0.20	380		10	8X10.2	0.18	55	
	4.7	4x5.4	0.14	22		22	10X10.2	0.18	60	
		10	4x5.4	0.14		22	33	10X10.2	0.18	65
5x5.4			0.14	28	47	10x10.2	0.18	65		
25(32)	22	5x5.4	0.14	35						