

Jamicon Series : CT

Teapo Series : SV

General purpose Series

- Endurance:105°C, 1000 hours
- Recommended Applications: Suitable for AV(TV,Video,Audio),Monitor/Computer, Home appliance, OA/HA/Comm
- Corresponding product to RoHS
- AEC-Q200 compliant : Please contact Jamicon for more details, test data, information



Jamicon

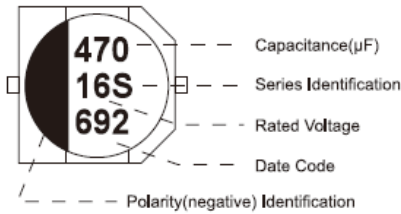


Teapo

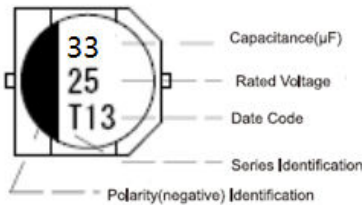
Specifications

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</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(120HZ)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <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	4	6.3	10	16	25	35	50	63	100	Z(120HZ)										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	4	6.3	10	16	25	35	50	63	100																																
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Endurance	After applying rated voltage for 1000hrs at 105°C, Stay back to 20 °C temperature measurement, the capacitors shall meet the following requirements. <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	The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1,000 hours at 105°C without voltage applied. Before the measurement, the capacitor shall be preconditioned by applying voltage according to item 4.1 of JIS C 5101-4.																																								

MARKING

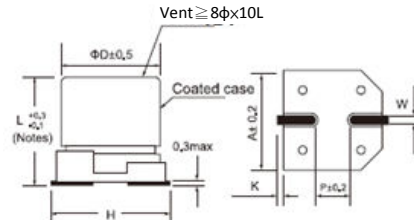


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Dimensions [mm]



(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	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 (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	0.14	65
	100	5x5.4	0.35	61			6.3x5.4	0.14	71
	220	6.3x5.4	0.35	82		100	6.3x7.7	0.14	91
6.3(8)	22	4x5.4	0.30	29			6.3x7.7	0.14	95
	33	4x5.4	0.30	43		220	8x10.2	0.16	140
	47	4x5.4	0.30	43			8x10.2	0.16	200
	100	5x5.4	0.30	46		330	10x10.2	0.16	273
		6.3x5.4	0.30	47			8x10.2	0.16	250
	220	6.3x5.4	0.30	71	470	10x10.2	0.16	340	
		6.3x7.7	0.30	120		10x10.2	0.16	360	
	330	6.3x7.7	0.30	175	35(44)	2.2	4x5.4	0.12	15
		8x10.2	0.35	230		3.3	4x5.4	0.12	18
	470	8x10.2	0.35	300		4.7	4x5.4	0.12	22
1000		8x10.2	0.35	300		10	4x5.4	0.12	25
	10x10.2	0.35	400	5x5.4			0.12	30	
1500	10x10.2	0.35	480	22		5x5.4	0.12	35	
	10(13)	10	4x5.4			0.22	24	6.3x5.4	0.12
22		4x5.4	0.22	36		33	6.3x7.7	0.12	60
33		4x5.4	0.22	45			6.3x5.4	0.12	84
47		5x5.4	0.22	46		47	6.3x7.7	0.12	84
		6.3x5.4	0.22	46	8x10.2		0.14	100	
100		6.3x5.4	0.22	71	100	6.3x7.7	0.14	105	
		6.3x7.7	0.22	110		8x10.2	0.14	150	
150		6.3x5.4	0.22	86	220	8x10.2	0.14	220	
		6.3x7.7	0.22	115		10x10.2	0.14	250	
220		8x10.2	0.26	160	330	10x10.2	0.14	300	
	50(63)	8x10.2	0.26	200		1	4x5.4	0.12	10
470		8x10.2	0.26	230	2.2	4x5.4	0.12	16	
		10x10.2	0.26	270	3.3	4x5.4	0.12	16	
1000		10x10.2	0.26	390	4.7	5x5.4	0.12	23	
		4.7	4x5.4	0.16	20	10	6.3x5.4	0.12	35
10			4x5.4	0.16	28	22	6.3x7.7	0.12	65
22		4x5.4	0.16	28	33		6.3x7.7	0.12	70
		5x5.4	0.16	39		8x10.2	0.12	91	
33		5x5.4	0.16	39	47	6.3x7.7	0.12	75	
		6.3x5.4	0.16	65		8x10.2	0.12	95	
47	5x5.4	0.16	39	100	8x10.2	0.12	110		
	6.3x5.4	0.16	70		10x10.2	0.12	145		
100	6.3x5.4	0.16	80	220	10x10.2	0.12	210		
	6.3x7.7	0.16	130		63(79)	4.7	6.3x5.4	0.18	20
220	6.3x7.7	0.16	105	10		6.3x5.4	0.18	20	
	8x10.2	0.20	180	22		8x10.2	0.18	30	
330	8x10.2	0.20	220	33		8x10.2	0.18	30	
	10x10.2	0.20	260	47		8x10.2	0.18	45	
470	8x10.2	0.20	270	100		10x10.2	0.18	60	
	10x10.2	0.20	340	100(125)	3.3	8x10.2	0.18	30	
680	10x10.2	0.20	380		4.7	8x10.2	0.18	50	
	4.7	4x5.4	0.14		22	10	8x10.2	0.18	55
25(32)	10	4x5.4	0.14		22	22	10x10.2	0.18	60
	22	5x5.4	0.14		28	33	10x10.2	0.18	65
		5x5.4	0.14	35	47	10x10.2	0.18	65	

单击下面可查看定价，库存，交付和生命周期等信息

[>>Teapo\(智宝\)](#)