

Jamicon Series : CS

Teapo Series : GV

General purpose Series

■ Endurance:85°C, 2000 hours

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

■ Corresponding product to RoHS



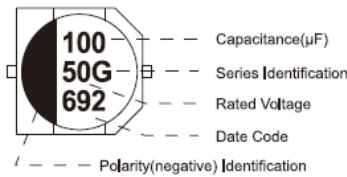
Jamicon

Teapo

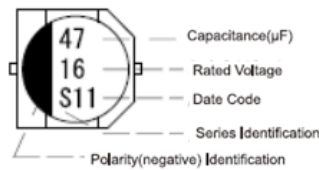
■ Specifications

Item	Characteristics																																								
Category Temperature Range	-55 ~ +85°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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Z(-40°C) / Z(20°C)	15	8	6	4	4	3	3	3	3																																
Endurance	After applying rated voltage for 2000hrs at 85°C, Stay back to 20 °C temp: ( Notes ) $\Phi 8 \sim \Phi 10 \& 6.3 \times 7.7 = L \pm 0.3$ meet the following requirements. <table border="1"> <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> </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 85°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

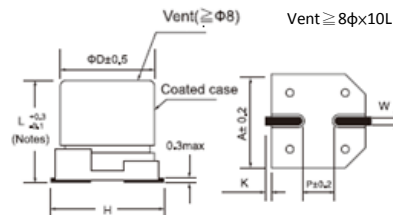


Teapo



Jamicon

■ Dimensions [mm]



( 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
G02	8.0	6.2	8.3	9.5 Max	0.65±0.1	2.2	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	0.80	1.00	1.15	1.25

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■ STANDARD RATINGS

Rated Voltage (SurageVoltage) (V)	Cap ( $\mu$ F)	Case size $\Phi$ DxL(mm)	$\tan \delta$	Ripple current (mA/rms 85°C) (120Hz)	Rated Voltage (SurageVoltage) (V)	Cap ( $\mu$ F)	Case size $\Phi$ DxL(mm)	$\tan \delta$	Ripple current (mA/rms 85°C) (120Hz)	
4(5)	33	4x5.4	0.35	26	25(32)	10	4x5.4	0.14	24	
	47	4x5.4	0.35	34			5x5.4	0.14	28	
	100	5x5.4	0.35	61			6.3x5.4	0.14	28	
	220	6.3x5.4	0.35	82			22	5x5.4	0.14	35
	330	6.3x5.4	0.35	80				6.3x5.4	0.14	55
	470	6.3x7.7	0.35	200			33	5x5.4	0.14	42
6.3(8)	22	4x5.4	0.26	20		6.3x5.4		0.14	65	
	33	4x5.4	0.26	22		47	6.3x5.4	0.14	70	
		4x5.4	0.26	36			6.3x7.7	0.14	96	
	100	5x5.4	0.26	46			8x6.2	0.14	100	
		5x5.4	0.26	47		100	6.3x5.4	0.14	80	
		6.3x5.4	0.26	71			6.3x7.7	0.14	143	
	6.3x7.7	0.26	143	8x6.2			0.14	143		
	220	6.3x5.4	0.26	74		8x10.2	0.14	180		
		6.3x7.7	0.26	235		180	8x10.2	0.14	210	
	330	6.3x7.7	0.26	280			220	8x10.2	0.14	230
		8x6.2	0.26	280		10x10.2		0.14	310	
	470	8x6.2	0.26	312		330	8x10.2	0.14	270	
		8x10.2	0.26	380			10x10.2	0.14	340	
	1000	8x10.2	0.26	500		470	10x10.2	0.14	380	
		10x10.2	0.26	700			35(44)	2.2	4x5.4	0.12
1500	10x10.2	0.26	750	3.3		4x5.4		0.12	10	
10(13)	10	4x5.4	0.20	20		5x5.4		0.12	11	
	22	4x5.4	0.20	28		4.7		4x5.4	0.12	22
		5x5.4	0.20	40	10	4x5.4		0.12	24	
	33	4x5.4	0.20	29		5x5.4		0.12	30	
		5x5.4	0.20	43	22	5x5.4		0.12	36	
	47	5x5.4	0.20	43		6.3x5.4		0.12	60	
		6.3x5.4	0.20	66	33	6.3x5.4		0.12	60	
	100	5x5.4	0.20	43		6.3x7.7		0.12	130	
		6.3x5.4	0.20	70	47	6.3x5.4		0.12	70	
	150	6.3x5.4	0.20	86		6.3x7.7		0.12	165	
		6.3x5.4	0.20	110		8x6.2		0.12	165	
	220	6.3x7.7	0.20	250	100	6.3x7.7		0.12	140	
		8x6.2	0.20	250		8x10.2		0.12	180	
	330	8x10.2	0.20	330	220	10x10.2	0.12	210		
		8x10.2	0.20	390		8x10.2	0.12	200		
	470	10x10.2	0.20	400	10x10.2	0.12	310			
		8x10.2	0.20	420	150	8x10.2	0.12	180		
	1000	10x10.2	0.20	580		330	10x10.2	0.12	350	
16(20)	1	4x5.4	0.16	10	50(63)	1	4x5.4	0.12	10	
	4.7	4x5.4	0.16	20		2.2	4x5.4	0.12	16	
	10	4x5.4	0.16	28		3.3	4x5.4	0.12	16	
		5x5.4	0.16	28		4.7	4x5.4	0.12	18	
	22	4x5.4	0.16	28			5x5.4	0.12	23	
		5x5.4	0.16	39		10	5x5.4	0.12	27	
	33	4x5.4	0.16	30			6.3x5.4	0.12	36	
		5x5.4	0.16	45		22	6.3x5.4	0.12	40	
	6.3x5.4	0.16	66	6.3x7.7			0.12	90		
	47	5x5.4	0.16	45		33	6.3x7.7	0.12	90	
		6.3x5.4	0.16	70			8x6.2	0.12	130	
		8x6.2	0.16	85			8x10.2	0.12	150	
	100	6.3x5.4	0.16	70		47	6.3x7.7	0.12	90	
		6.3x7.7	0.16	85			8x6.2	0.12	100	
		8x6.2	0.16	140			8x10.2	0.12	190	
	220	6.3x7.7	0.16	162		56	8x10.2	0.12	130	
		8x10.2	0.16	280			100	8x10.2	0.12	200
	330	8x10.2	0.16	320		220		10x10.2	0.12	310
		10x10.2	0.16	380	10x10.2		0.12	460		
	470	8x10.2	0.16	350	63(79)	4.7	5x5.4	0.12	20	
		10x10.2	0.16	420			6.3x5.4	0.12	20	
	680	10x10.2	0.16	500		10	6.3x5.4	0.12	20	
	25(32)	4.7	4x5.4	0.14	22	22	6.3x7.7	0.12	40	

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63(79)	22	8x6.2	0.12	95	100(125)	4.7	6.3x7.7	0.10	50
		8x10.2	0.12	120			8x10.2	0.10	60
	33	8x10.2	0.12	140		10	6.3x7.7	0.10	50
		8x10.2	0.12	170			8X10.2	0.10	85
	47	10x10.2	0.12	190		22	8X10.2	0.10	125
10x10.2		0.12	280	10X10.2			0.10	150	
100(125)	3.3	6.3X7.7	0.10	50		33	10X10.2	0.10	180
	4.7	6.3x5.4	0.10	40			47	10x10.2	0.10