

●導電性高分子固体コンデンサ

PVW

JIS C5101
CE-32

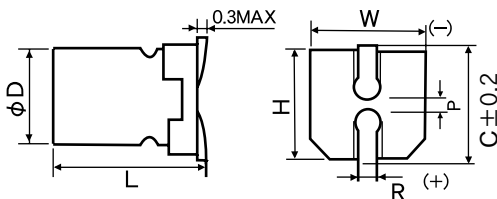
■特徴

・低ESRの105°C×2000時間保証品です。

■性能/PERFORMANCE SPECIFICATIONS

カテゴリー温度範囲	CATEGORY TEMPERATURE RANGE	-55°C ~ +105°C										
標準静電容量許容差	STANDARD CAPACITANCE TOLERANCE	±20% (120Hz, 20°C)										
漏れ電流 (最大値)	LEAKAGE CURRENT (MAX.VALUE)	Rated voltage applied, after 2 minutes at 20°C. See the standard product table.										
損失角の正接 (最大値)	DISSIPATION FACTOR (MAX.VALUE)	See the standard product table. (120Hz, 20°C)										
E.S.R.	E.S.R.	See the standard product table. (100k~300kHz, 20°C)										
耐久性	LOAD LIFE TEST	<table border="1"> <tr> <td>Test Time</td> <td>2000 hrs</td> </tr> <tr> <td>Capacitance Change</td> <td>Within ±20% of initial value</td> </tr> <tr> <td>Dissipation Factor</td> <td>Less than 150% of specified value</td> </tr> <tr> <td>E.S.R.</td> <td>Less than 150% of specified value</td> </tr> <tr> <td>Leakage Current</td> <td>Within specified value</td> </tr> </table> <p>* The above specifications shall be satisfied when the capacitors are restored to 20°C after the rated voltage applied for 2000 hrs at 105°C.</p>	Test Time	2000 hrs	Capacitance Change	Within ±20% of initial value	Dissipation Factor	Less than 150% of specified value	E.S.R.	Less than 150% of specified value	Leakage Current	Within specified value
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MOISTURE RESISTANCE	<table border="1"> <tr> <td>Test Time</td> <td>1000 hrs</td> </tr> <tr> <td>Capacitance Change</td> <td>Within ±20% of initial value</td> </tr> <tr> <td>Dissipation Factor</td> <td>Less than 150% of specified value</td> </tr> <tr> <td>E.S.R.</td> <td>Less than 150% of specified value</td> </tr> <tr> <td>Leakage Current</td> <td>Within specified value</td> </tr> </table> <p>* The above specifications shall be satisfied when the capacitors are restored to 20°C after subjecting them at 60°C, 90 to 95% RH for 1000 hrs. Leakage current should be tested after voltage treatment.</p>	Test Time	1000 hrs	Capacitance Change	Within ±20% of initial value	Dissipation Factor	Less than 150% of specified value	E.S.R.	Less than 150% of specified value	Leakage Current	Within specified value	
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定格リプル電流補正係数	RIPPLE CURRENT & FREQUENCY MULTIPLIERS	<table border="1"> <tr> <td>Frequency(Hz)</td> <td>120 ≤ f < 1k</td> <td>1k ≤ f < 10k</td> <td>10k ≤ f < 100k</td> <td>100k ≤ f < 500k</td> </tr> <tr> <td>Multiplier</td> <td>0.05</td> <td>0.3</td> <td>0.7</td> <td>1.0</td> </tr> </table>	Frequency(Hz)	120 ≤ f < 1k	1k ≤ f < 10k	10k ≤ f < 100k	100k ≤ f < 500k	Multiplier	0.05	0.3	0.7	1.0
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■寸法図/DIAGRAM OF DIMENSIONS



Unit : mm

φD	L	W±0.2	H±0.2	C±0.2	R	P±0.2
5	5±0.3	5.3	5.3	5.9	0.5~0.8	1.5
6.3	5.9+0.1/-0.3	6.6	6.6	7.2	0.5~0.8	2.0
6.3	7.0±0.2	6.6	6.6	7.2	0.5~0.8	2.0
8	6.7±0.3	8.4	8.4	9.0	0.7~1.1	3.1
8	12.0±0.5	8.4	8.4	9.0	0.7~1.1	3.1
10	7.7±0.3	10.4	10.4	11.0	0.7~1.3	4.7
10	9.9+0.1/-0.3	10.4	10.4	11.0	0.7~1.3	4.7
10	12.6+0.1/-0.4	10.4	10.4	11.0	0.7~1.3	4.7

■標準品一覧表/STANDARD PRODUCT TABLE

W.V.	Capacitance (μF)	Size [φD×L] (mm)	tan δ (120Hz, 20°C)	Leakage Current (μA)	E.S.R. [100k~300kHz, 20°C] (mΩMax.)	Rated Ripple Current [100kHz, 105°C] (mA rms)	
2.5V [0E]	220	6.3×5.9	0.12	110	25	2500	
	560	8×6.7	0.12	280	23	3100	
	680	8×12	0.18	340	12	4770	
	1000	10×7.7	0.12	500	19	4240	
	1200	10×9.9	0.18	750	13	5200	
4V [0G]	1500	10×12.6	0.18	750	10	5500	
	150	5×5.7	0.12	120	30	1490	
	150	6.3×5.9	0.12	120	26	2450	
	220	8×6.7	0.12	176	25	3020	
	330	8×6.7	0.12	264	25	3020	
	470	10×7.7	0.12	376	20	4130	
	560	8×12	0.18	448	12	4770	
	680	10×7.7	0.12	544	20	4130	
6.3V [0J]	820	10×9.9	0.18	656	13	5200	
	1200	10×12.6	0.18	960	10	5500	
	82	6.3×5.9	0.12	103	27	2400	
	100	5×5.7	0.12	126	35	1380	
	100	6.3×5.9	0.12	126	27	2400	
	120	6.3×7	0.12	151	30	2010	
	150	6.3×7	0.12	189	30	2250	
		8×6.7	0.12	189	25	3020	
	220	6.3×7	0.12	277	30	2250	
		8×6.7	0.12	277	25	3020	
	330	10×7.7	0.12	416	20	4130	
	470	8×12	0.15	592	12	4770	
560	10×9.9	0.15	706	16	4700		
820	10×12.6	0.15	1033	10	5500		
10V [1A]	47	5×5.7	0.12	94	40	1270	
	56	6.3×5.9	0.10	112	31	2250	
	150	8×6.7	0.10	300	27	2800	
	330	8×12	0.15	660	14	4420	
		10×7.7	0.10	660	24	3770	
	470	10×9.9	0.15	940	18	4400	
	560	10×12.6	0.15	1120	12	5300	
	16V [1C]	22	5×5.7	0.12	70	45	1210
		47	6.3×5.9	0.10	150	50	1650
		82	8×6.7	0.10	262	30	2700
		180	8×12	0.15	576	16	4360
			10×7.7	0.10	576	26	3430
220		10×9.9	0.15	704	20	4200	
330		10×12.7	0.15	792	14	5050	
820		10×12.6	0.12	2624	18	4200	
20V [1D]	22	6.3×5.9	0.10	88	50	1650	
	47	8×6.7	0.10	188	45	2000	
	82	10×7.7	0.10	328	40	2500	
	100	8×12	0.15	400	24	3320	
		10×9.9	0.15	400	25	3700	
	150	10×12.7	0.15	600	20	4320	
	330	10×12.6	0.12	1320	26	2700	
	6.8	6.3×5.9	0.10	170	80	1200	
25V [1E]	10	8×6.7	0.10	125	60	1500	
	22	10×7.7	0.10	275	50	2000	
	33	8×12	0.12	413	30	2980	
	56	10×12.7	0.12	700	28	3800	
	270	10×12.6	0.12	1350	27	2700	
	39	8×12	0.12	273	31	2100	
	68	10×12.7	0.12	476	28	2700	
	35V [1V]	39	8×12	0.12	390	34	2000
50V [1H]	68	10×12.6	0.12	680	29	2600	
63V [1J]	27	8×12	0.12	340	35	2000	
47	10×12.6	0.12	592	30	2500		

■品番ご指定法/HOW TO SPECIFY ITEM NUMBER

