

●導電性高分子固体コンデンサ

**PVWZ** JIS C5101  
CE-32

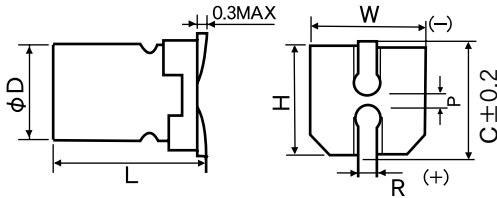
■特徴

・超低ESR、高リプルの 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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Capacitance Change	Within ±20% of initial 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 &lt; 1k</td> <td>1k ≤ f &lt; 10k</td> <td>10k ≤ f &lt; 100k</td> <td>100k ≤ f &lt; 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
Frequency(Hz)	120 ≤ f < 1k	1k ≤ f < 10k	10k ≤ f < 100k	100k ≤ f < 500k								
Multiplier	0.05	0.3	0.7	1.0								

■寸法図/DIAGRAM OF DIMENSIONS



Unit : mm

φ d	L	W±0.2	H±0.2	C±0.2	R	P±0.2
5	5.7±0.3	5.3	5.3	5.9	0.5~0.8	1.5
6.3	4.4±0.2	6.6	6.6	7.2	0.5~0.8	2.0
6.3	5.9+0.1/-0.3	6.6	6.6	7.2	0.5~0.8	2.0
6.3	7.7±0.3	6.6	6.6	7.2	0.5~0.8	2.0
8	6.7±0.3	8.4	8.4	9	0.7~1.1	3.1
8	12.0±0.5	8.4	8.4	9	0.7~1.1	3.1
10	7.7±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]	180	5×5.7	0.12	300	19	2800
	330	6.3×4.4	0.12	500	16	3180
	390	6.3×5.9	0.12	300	14	3160
	560	6.3×5.9	0.12	300	16	3500
		6.3×7.7	0.12	420	9	4200
	680	8×6.7	0.12	500	20	3370
	820	8×12	0.15	500	9	5380
	1200	10×7.7	0.12	600	13	4450
	1500	8×12	0.15	750	12	5150
	2700	10×12.6	0.15	1350	9	5600
4V [0G]	150	5×5.7	0.12	300	20	2730
	270	6.3×5.9	0.12	300	15	3160
	330	6.3×5.9	0.12	300	15	3160
	390	6.3×7.7	0.12	468	9	4200
	560	8×6.7	0.12	500	22	3220
		8×12	0.15	500	9	5380
	1000	10×7.7	0.12	800	14	4300
	1200	8×12	0.15	960	12	4700
	1500	8×12	0.15	1200	12	4700
	2200	10×12.6	0.15	1760	9	5700
6.3V [0J]	120	5×5.7	0.12	300	21	2660
	220	6.3×4.4	0.12	500	18	3000
		6.3×5.9	0.12	300	15	3160
	330	6.3×5.9	0.12	415	17	3390
		6.3×7.7	0.12	623	9	4200
	390	8×6.7	0.12	491	22	3220
	820	8×12	0.15	1033	13	4700
		10×7.7	0.12	1033	14	4300
	1500	10×12.6	0.15	1890	10	5560

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)	
10V [1A]	68	5×5.7	0.12	300	23	2540	
	120	6.3×5.9	0.12	300	22	2600	
	150	6.3×7.7	0.12	450	15	2800	
	270	8×6.7	0.12	500	22	3220	
	47	10×7.7	0.12	940	19	3800	
	16V [1C]	39	5×5.7	0.12	300	27	2350
6.3×5.9			0.12	300	24	2460	
68		6.3×5.9	0.12	300	25	2440	
100		6.3×5.9	0.12	320	24	2490	
150		8×6.7	0.12	500	22	3220	
220		10×7.7	0.12	704	22	3450	
270		8×12	0.15	864	12	4850	
		330	10×12.6	0.15	1056	12	5300
		470	10×12.6	0.15	1504	10	6100
		820	10×12.6	0.12	2624	12	5400
20V [1D]	120	6.3×5.9	0.12	480	25	3200	
	390	8×12	0.12	1560	14	4950	
	560	10×12.6	0.12	2240	12	5600	
25V [1E]	56	6.3×5.9	0.12	280	30	2800	
	180	8×12	0.12	900	16	4650	
	330	10×12.6	0.12	1650	14	5000	
35V [1V]	22	6.3×5.9	0.12	154	35	2600	
	82	8×12	0.12	574	20	4000	
	120	10×12.6	0.12	840	18	4400	

■品番ご指定法/HOW TO SPECIFY ITEM NUMBER

