

●導電性高分子固体コンデンサ

**PUWZ** JIS C5101  
CE-04

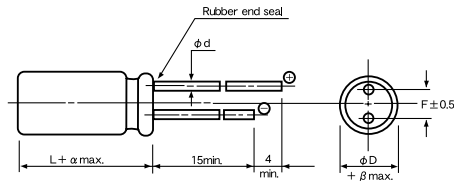
■特徴

・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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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

φD	5	6.3	8	10
L	8	6	8	12
P	2.0	2.5	3.5	5.0
φd	0.6	0.5	0.6	
α	1.0			
β	0.5			

■標準品一覧表/STANDARD PRODUCT TABLE

W.V. (V)	Capacitance (μF)	Size [φD×L] (mm)	tan δ (120Hz, 20°C)	Leakage Current (μA)	E.S.R (mΩ at 100k~300kHz) (20°C Max)	Rated Ripple Current (mA rms at 100kHz, 105°C)
2.5V [0E]	330	6.3×8	0.10	500	7	5600
	390	6.3×6	0.10	500	10	3900
	470	5×8	0.10	500	7	4200
		8×8	0.10	235	7	5000
	560	5×8	0.10	500	7	4200
		6.3×6	0.10	500	10	4000
		6.3×8	0.10	500	7	5600
		8×8	0.12	280	7	6200
		6.3×8	0.10	500	7	5600
		8×8	0.10	410	7	6200
	820	8×8	0.12	410	7	6200
		8×8	0.12	500	7	6200
		8×12	0.12	410	7	6200
		10×12	0.12	500	7	6200
1000	8×8	0.12	500	7	6200	
	8×12	0.12	500	7	6200	
	10×12	0.12	500	7	6200	
	1200	8×8	0.12	600	7	6200
1500	10×12	0.12	750	7	6500	
2700	10×12	0.12	1350	7	7200	
4V [0G]	560	6.3×8	0.10	500	7	5600
		8×8	0.10	448	7	6200
		8×12	0.12	448	7	6200
	820	8×8	0.10	656	7	6200
	1000	8×8	0.10	800	7	6200
	1200	8×12	0.12	960	7	6200
		10×12	0.12	960	7	6200
1500	10×12	0.12	1200	7	6500	
2200	10×12	0.12	1700	8	7200	
6.3V [0J]	270	5×8	0.10	680	8	3900
		6.3×8	0.10	592	7	5600
		8×8	0.12	592	7	6200
	470	8×12	0.12	592	7	6200
		6.3×8	0.10	706	7	5600
		8×8	0.10	706	7	6200
		8×12	0.12	706	7	6200
		8×8	0.10	1033	7	6200
		8×12	0.10	1033	8	5500
	820	10×8	0.12	1033	7	6200
		8×8	0.10	1260	7	6200
		8×12	0.12	1260	8	5500
		1000	10×12	0.12	1890	7
	10V [1A]	390	8×12	0.12	780	8
470		10×12	0.12	940	8	6000
560		10×12	0.12	1120	8	6000
820		10×12	0.12	1640	8	6000
100		6.3×6	0.10	320	24	2490
16V [1C]	100	6.3×8	0.10	500	10	4680
		6.3×8	0.10	576	10	4680
	180	8×8	0.10	576	10	5000
		8×8	0.10	864	10	5000
	270	8×12	0.12	864	8	5000
		8×8	0.10	1056	10	5000
	330	10×12	0.12	1056	8	6000
		8×12	0.12	1504	10	5400
		10×12	0.12	1504	8	6000
	470	10×12	0.10	2624	10	6100
		1000	10×12	0.10	3200	10

■品番ご指定法/HOW TO SPECIFY ITEM NUMBER

