

●導電性高分子固体コンデンサ

PUW

JIS C5101
CE-04

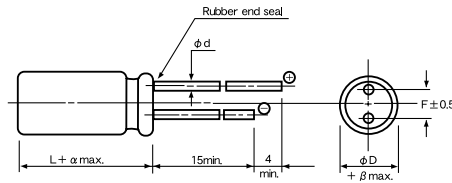
■特徴

・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 < 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	6.3		8		10	
L	5.5	6.5	11	11.5	10	12.5
P	2.5		3.5		5.0	
φd	0.45		0.6			
α	1.0					
β	0.5					

■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	6.3×5.5	0.12	110	28	2390
	390	6.3×11	0.12	195	18	3160
	680	8×11.5	0.18	340	10	5230
	1000	10×10	0.18	500	14	4700
	1500	10×12.5	0.18	750	8	5500
4V [0G]	150	6.3×5.5	0.12	120	40	1810
	270	6.3×11	0.12	216	15	3200
	560	8×11.5	0.18	448	10	5230
6.3V [0J]	1200	10×12.5	0.18	960	8	5500
	100	6.3×5.5	0.12	126	40	1810
	220	6.3×11	0.12	277	18	3160
	330	6.3×6.5	0.12	416	28	2390
	390	8×11.5	0.15	491	12	4770
10V [1A]	470	8×11.5	0.15	592	12	4770
	820	10×12.5	0.15	1033	10	5500
	100	6.3×6.5	0.12	200	45	1700
	220	10×10	0.15	440	17	3950
	330	8×11.5	0.12	660	14	4420
16V [1C]	560	10×12.5	0.12	1360	12	5300
	47	6.3×5.5	0.10	150	50	1650
	100	6.3×11	0.10	320	22	2820
	180	8×11.5	0.12	576	16	4360
	330	10×10	0.12	1056	16	4360
		10×12.5	0.12	1056	14	5050
20V [1D]	22	6.3×5.5	0.10	88	60	1450
	56	6.3×11	0.10	224	25	2650
	100	8×11.5	0.15	400	24	3320
	150	10×10	0.15	400	24	3320
	150	10×12.5	0.15	600	20	4320
25V [1E]	330	10×12	0.12	1320	24	2800
	6.8	6.3×5.5	0.10	170	80	1200
	33	8×11.5	0.12	165	24	3320
	56	8×11.5	0.12	280	24	3320
	100	10×12.5	0.12	280	20	4320
35V [1V]	270	10×12	0.12	1350	25	2800
	22	8×11.5	0.12	154	50	2300
	39	8×11.5	0.12	273	31	2100
	47	10×12.5	0.12	329	30	3650
	68	10×12.5	0.12	476	28	2700
50V [1H]	150	10×12	0.12	1050	26	2700
	27	8×11.5	0.12	270	36	2000
	47	10×12.5	0.12	470	31	2500
63V [1J]	27	8×11.5	0.12	340	33	2100
	47	10×12	0.12	592	29	2600

■品番ご指定法/HOW TO SPECIFY ITEM NUMBER

