

●導電性高分子固体コンデンサ **New**

**PRC** JIS C5101  
CE-04

■特徴

- ・105℃、15000時間保証品
- ・低ESR ラジアルリード形固体コンデンサ

●CONDUCTIVE POLYMER SOLID CAPACITORS

**TYPE PRC** JIS C5101  
CE-04

■FEATURES

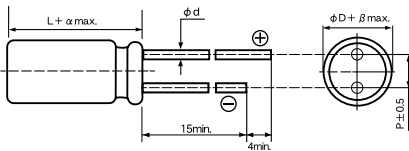
- ・ It's guaranteed for 105℃ 15000 hours.
- ・ Low ESR, solid capacitors of radial lead type

■性能/PERFORMANCE SPECIFICATIONS

カテゴリ-温度範囲	CATEGORY TEMPERATURE RANGE	-55℃ ~ +105℃
標準静電容量許容差	STANDARD CAPACITANCE TOLERANCE	±20% (120Hz, 20℃)
漏れ電流 (最大値)	LEAKAGE CURRENT (MAX.VALUE)	Rated voltage applied, after 2 minutes at 20℃. See Standard Ratings
損失角の正接: tan δ (最大値)	DISSIPATION FACTOR: tan δ (MAX.VALUE)	See Standard Ratings (120Hz, 20℃)
ESR	ESR	See Standard Ratings (100kHz~300kHz, 20℃)
耐久性 105℃ 15,000時間 定格電圧印加	ENDURANCE APPLICATION OF RATED VOLTAGE, AT 105℃ FOR 15,000hrs.	Capacitance Change : Within ±20% of the initial value Dissipation Factor (tan δ) : Less than 150% of specified value ESR : Less than 150% of specified value Leakage Current : Less than the initial specified value
耐湿負荷特性 (定常) 60℃, 90~95%, 1000時間	Moisture resistance (STEADY STATE) 60℃, 90~95%, 1000 hours	Capacitance Change : Within ±20% of the initial value Dissipation Factor (tan δ) : Less than 150% of specified value ESR : Less than 150% of specified value Leakage Current : Less than the initial specified value * Leakage current should be tested after treatment * 1.

\* 1: For any doubt measured values, measure the leakage current again after the following voltage treatment.  
Voltage treatment: DC rated voltage is applied to the capacitors for 2 hours at 105℃.

■寸法図/DIAGRAM OF DIMENSIONS



Size Code	φD	L	P	φd	α	β
F08	8	8.0	3.5	0.6	1.0	0.5
F11	8	11.5	3.5	0.6	1.0	0.5
G12	10	12.0	5.0	0.6	1.0	0.5

■標準品一覧表/STANDARD PRODUCT TABLE

W.V. (V)	Capacitance (μF)	Size (φD×L) (mm)	tan δ (120Hz, 20℃)	Leakage Current (μA)	ESR [100~300kHz, 20℃] (mΩ)	Ripple Current [100kHz, 105℃] (mA)
2.5 (0E)	560	8×8	0.10	500	7	6100
	820	8×8	0.10	500	7	6100
	1000	8×8	0.10	500	7	6100
	1000	8×11.5	0.10	500	7	6100
	1500	8×11.5	0.10	750	7	6100
	2700	10×12	0.10	1350	8	5560
4 (0G)	560	8×8	0.10	448	7	6100
	680	8×11.5	0.10	544	7	6100
	1000	10×12	0.10	800	6	6640
	470	8×8	0.10	592	8	5700
6.3 (0J)	560	8×8	0.10	706	8	5700
	820	10×12	0.10	1033	7	6640
	1500	10×12	0.10	1890	10	5560
10 (1A)	390	8×11.5	0.10	780	9	5650
	680	10×12	0.10	1360	7	6100
16 (1C)	270	8×11.5	0.12	864	11	5080
	330	10×12	0.10	1056	10	6100
	470	10×12	0.10	1504	10	6100

■リップル電流周波数補正係数 / Frequency Multiplier for Ripple Current

Frequency(Hz)	120 ≤ f < 1k	1k ≤ f < 10k	10k ≤ f < 100k	100k ≤ f < 500k
Multiplier	0.05	0.30	0.70	1.00

■品番ご指定法/HOW TO SPECIFY ITEM NUMBER

