



## ●導電性高分子固体コンデンサ

**PGS**JIS C 5101  
CE-04

## ■特徴

- ・105°C、2,000時間保証品
- ・低ESR ラジアルリード形固体コンデンサ

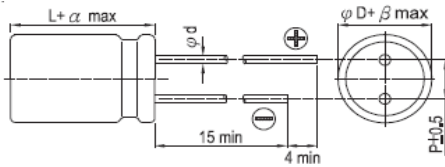
## ■性能/PERFORMANCE SPECIFICATIONS

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 Standard Ratings
損失角の正接: $\tan \delta$ (最大値)	DISSIPATION FACTOR: $\tan \delta$ (MAX.VALUE)	See Standard Ratings (120Hz, 20°C)
ESR	ESR	See Standard Ratings (100kHz~300kHz, 20°C)
耐久性 105°C, 2,000時間 定格電圧印加	ENDURANCE APPLICATION OF RATED VOLTAGE, AT 105°C FOR 2,000 hours.	Capacitance Change : Within ±20% of the initial value Dissipation Factor ( $\tan \delta$ ) 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°C, 90~95%, 1000時間	Moisture resistance (STEADY STATE) 60°C, 90~95%, 1000 hours	Capacitance Change : Within ±20% of the initial value Dissipation Factor ( $\tan \delta$ ) 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°C.

## ■寸法図/DIAGRAM OF DIMENSIONS



Size Code	φD	L	P	φd	α	β
F16	8	16.0	3.5	0.6	1.5	0.5
F20	8	20.0	3.5	0.6	1.5	0.5
G16	10	16.0	5.0	0.6	1.5	0.5
G20	10	20.0	5.0	0.6	1.5	0.5

## ■標準品一覧表 / STANDARD PRODUCT TABLE

W.V. (V)	Capacitance (μF)	Size (φD × L) (mm)	$\tan \delta$ (120Hz, 20°C)	Leakage Current (μA)	ESR [100~300kHz, 20°C] (mΩ)	Ripple Current [100kHz, 105°C] (mA)	Part Number
16 (1C)	820	8 × 16	0.12	1312	10	5,000	1CPGS821MKF16
	1,000	8 × 20	0.12	1600	8	6,100	1CPGS102MKF20
	1,200	8 × 20	0.12	1920	8	6,100	1CPGS122MKF20
	1,500	10 × 16	0.12	2400	8	6,100	1CPGS152MKG16
	1,800	10 × 20	0.12	2880	8	6,100	1CPGS182MKG20
	2,200	10 × 20	0.12	3520	8	6,100	1CPGS222MKG20
	2,700	10 × 20	0.12	4320	10	5,700	1CPGS272MKG20
25 (1E)	470	8 × 20	0.12	2350	16	4,650	1EPGS471MKF20