



●導電性高分子固体コンデンサ

PLB

JIS C 5101
CE-04

■特徴

- ・105°C、5,000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, 5,000時間 定格電圧印加	ENDURANCE APPLICATION OF RATED VOLTAGE, AT 105°C FOR 5,000 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.

●CONDUCTIVE POLYMER SOLID CAPACITORS

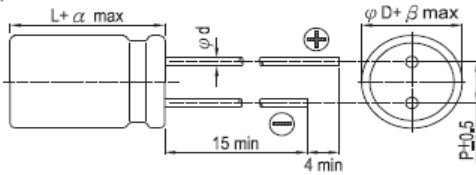
TYPE PLB

JIS C 5101
CE-04

■FEATURES

- ・It's guaranteed for 105°C 5,000 hours.
- ・Low ESR, solid capacitors of radial lead type

■寸法図/DIAGRAM OF DIMENSIONS



Size	ϕD	L	P	ϕd	α	β
D08	5	8.0	2.0	0.45	1.0	0.5
E05	6.3	5.0	2.5	0.45	1.0	0.5
E08	6.3	8.0	2.5	0.6	1.0	0.5
F06	8	6.0	3.5	0.6	1.0	0.5
F08	8	8.0	3.5	0.6	1.0	0.5
F11	8	11.0	3.5	0.6	1.5	0.5
F16	8	16.0	3.5	0.6	1.5	0.5
F20	8	20.0	3.5	0.6	1.5	0.5
G12	10	12.0	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 ($\phi D \times L$) (mm)	$\tan \delta$ (120Hz, 20°C)	Leakage Current (μA)	ESR [100~300kHz, 20°C] (m Ω)	Ripple Current [100kHz, 105°C] (mA)	Part Number
2.5 (0E)	390	6.3 × 5	0.10	500	10	3,900	PLB0E391MKE05
	560	5 × 8	0.10	500	7	4,200	PLB0E561MKD08
	560	6.3 × 8	0.10	500	7	5,000	PLB0E561MKE08
	560	8 × 8	0.10	500	8	4,700	PLB0E561MKF08
	820	6.3 × 8	0.10	500	7	5,000	PLB0E821MKE08
	820	8 × 8	0.10	500	7	6,100	PLB0E821MKF08
	1,000	8 × 8	0.10	900	7	6,100	PLB0E102MKF08
4 (0G)	560	6.3 × 8	0.10	500	7	5,000	PLB0G561MKE08
	560	8 × 8	0.10	500	7	6,100	PLB0G561MKF08
6.3 (0J)	100	6.3 × 8	0.10	500	35	2,100	PLB0J101MKE08
	330	5 × 8	0.10	500	8	4,050	PLB0J331MKD08
	470	6.3 × 8	0.10	592	8	4,700	PLB0J471MKE08
	560	6.3 × 8	0.10	706	8	4,700	PLB0J561MKE08
	560	8 × 8	0.10	706	7	6,100	PLB0J561MKF08
	820	6.3 × 8	0.10	1033	8	4,700	PLB0J821MKE08
	820	8 × 8	0.10	1033	8	6,100	PLB0J821MKF08
16 (1C)	1,000	8 × 8	0.10	1260	7	5,700	PLB0J102MKF08
	100	6.3 × 5	0.10	500	24	2,400	PLB1C101MKE05
	100	6.3 × 8	0.10	500	24	2,490	PLB1C101MKE08
	180	6.3 × 5	0.10	576	22	3,300	PLB1C181MKE05
	180	8 × 8	0.10	576	10	5,000	PLB1C181MKF08
	180	8 × 11	0.10	576	16	4,360	PLB1C181MKF11
	220	8 × 6	0.10	500	13	4,150	PLB1C221MKF06
270	6.3 × 8	0.10	864	15	3,800	PLB1C271MKE08	



■ 標準品一覧表 / STANDARD PRODUCT TABLE

W.V. (V)	Capacitance (μ F)	Size (ϕ D \times L) (mm)	$\tan \delta$ (120Hz, 20°C)	Leakage Current (μ A)	ESR [100~300kHz, 20°C] (m Ω)	Ripple Current [100kHz, 105°C] (mA)	Part Number
16 (1C)	270	8 \times 8	0.10	864	10	5,000	PLB1C271MKF08
	270	8 \times 11	0.10	864	11	5,000	PLB1C271MKF11
	330	8 \times 8	0.10	1056	11	4,700	PLB1C331MKF08
	470	8 \times 8	0.10	1504	16	4,000	PLB1C471MKF08
	470	8 \times 11	0.10	1504	11	5,400	PLB1C471MKF11
	470	10 \times 12	0.10	1504	10	6,100	PLB1C471MKG12
	560	8 \times 11	0.10	1792	14	4,970	PLB1C561MKF11
	820	10 \times 12	0.10	2624	12	5,400	PLB1C821MKG12
	1,000	8 \times 16	0.12	3200	12	4,700	PLB1C102MKF16
	1,000	10 \times 12	0.10	3200	12	5,400	PLB1C102MKG12
	1,500	8 \times 20	0.12	2400	10	6,100	PLB1C152MKF20
2,200	10 \times 20	0.12	3520	8	6,100	PLB1C222MKG20	
25 (1E)	56	6.3 \times 5	0.10	300	30	2,800	PLB1E560MKE05
	82	8 \times 8	0.10	410	28	3,000	PLB1E820MKF08
	180	8 \times 11	0.10	900	16	4,650	PLB1E181MKF11
	330	10 \times 12	0.10	1650	14	5,000	PLB1E331MKG12
35 (1V)	22	6.3 \times 5	0.10	300	35	2,600	PLB1V220MKE05
	33	8 \times 8	0.10	300	30	2,800	PLB1V330MKF08
	82	8 \times 11	0.10	574	20	4,000	PLB1V820MKF11
	120	10 \times 12	0.10	840	18	4,400	PLB1V121MKG12