●導電性高分子固体コンデンサ

PLS

JIS C 5101
CE-04

■ 特 徴

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

●CONDUCTIVE POLYMER SOLID CAPACITORS

TYPE PLS

JIS C 5101
CE-04

■ FEATURES

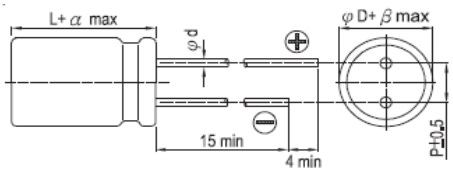
・It's guaranteed for 105℃ 2,000 hours.
・Ultra Low ESR, solid capacitors of radial lead type

■ 性 能/PERFORMANCE SPECIFICATIONS

カテゴリー温度範囲	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)	DISSIPASION FACTOR: tan δ (MAX.VALUE)	See Standard Ratings (120Hz, 20℃)
ESR	ESR	See Standard Ratings (100kHz～300kHz, 20℃)
耐 久 性 105℃, 2,000時間 定格電圧印加	ENDURANCE APPLICATION OF RATED VOLTAGE, AT 105℃ FOR 2,000 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
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 curent 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	φD	L	P	φd	α	β
F08	8	8.0	3.5	0.6	1.0	0.5
F11	8	11.0	3.5	0.6	1.5	0.5
G12	10	12.0	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 δ (120Hz, 20℃)	Leakage Current (μA)	ESR [100～300kHz,20℃] (mΩ)	Ripple Current [100kHz, 105℃] (mA)	Part Number
2.5 (0E)	560	8×8	0.12	350	7	4,700	PLS0E561MKF08
	680	8×8	0.12	425	7	5,580	PLS0E681MKF08
	820	8×8	0.12	512	7	6,100	PLS0E821MKF08
	820	8×11	0.12	410	7	6,100	PLS0E821MKF11
	1,000	8×8	0.12	500	7	6,100	PLS0E102MKF08
	1,000	8×11	0.12	500	7	6,100	PLS0E102MKF11
	1,200	8×8	0.12	600	7	6,100	PLS0E122MKF08
	1,500	8×11	0.12	750	7	6,100	PLS0E152MKF11
	1,500	10×12	0.12	750	7	6,100	PLS0E152MKG12
	1,800	8×11	0.12	900	7	6,100	PLS0E182MKF11
4 (0G)	470	8×8	0.12	470	7	5,600	PLS0G471MKF08
	560	8×8	0.12	560	7	6,100	PLS0G561MKF08
	680	8×8	0.12	544	7	6,100	PLS0G681MKF08
	820	10×12	0.12	656	7	6,100	PLS0G821MKG12
	1,200	10×12	0.12	960	7	6,100	PLS0G122MKG12
6.3 (0J)	220	8×8	0.12	347	7	3,700	PLS0J221MKF08
	330	8×8	0.12	520	7	3,700	PLS0J331MKF08
	390	8×8	0.12	491	7	5,700	PLS0J391MKF08
	470	8×8	0.12	740	7	5,700	PLS0J471MKF08
	560	8×8	0.12	882	7	5,700	PLS0J561MKF08
	680	8×8	0.12	857	7	5,860	PLS0J681MKF08
	820	8×11	0.12	1033	7	6,100	PLS0J821M0F11
	820	10×12	0.12	1033	7	6,100	PLS0J821MKG12
	1,000	8×8	0.12	1260	7	6,100	PLS0J102MKF08
	1,000	10×12	0.12	1260	7	6,100	PLS0J102MKG12
	1,500	10×12	0.12	1890	7	6,100	PLS0J152MKG12
	2,000	10×12	0.12	2520	7	7,100	PLS0J202MKG12
10 (1A)	270	8×11	0.12	5600	7	540	PLS1A271MKF11
	470	10×12	0.12	6100	7	940	PLS1A471MKG12
	560	8×11	0.12	5700	7	882	PLS1A561MKF11
	560	10×12	0.12	6100	7	1,120	PLS1A561MKG12
	680	8×11	0.12	5600	7	1,360	PLS1A681MKF11
	820	8×11	0.12	5700	7	1,640	PLS1A821MKF11
	820	10×12	0.12	6100	7	1,640	PLS1A821MKG12
	1,000	10×12	0.12	6100	7	2,000	PLS1A102MKG12
16 (1C)	150	8×11	0.12	480	7	5,600	PLS1C151MKF11
	180	8×8	0.12	576	7	5,600	PLS1C181MKF08
	180	8×11	0.12	576	7	5,600	PLS1C181MKF11
	270	8×11	0.12	864	7	5,600	PLS1C271MKF11
	330	8×11	0.12	1056	7	5,600	PLS1C331MKF11
	330	10×12	0.12	1056	7	6,100	PLS1C331MKG12
	470	8×11	0.12	1504	7	5,600	PLS1C471MKF11
	470	10×12	0.12	1504	7	6,100	PLS1C471MKG12
	820	10×12	0.12	2000	7	6,100	PLS1C821MKG12