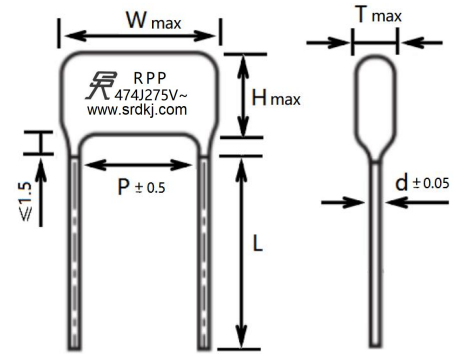


Metallized Polypropylene Film Capacitors

■ Structure

- Dielectric: Metallized Polypropylene film.
- Electrode: Special process metal vacuum evaporation layer.
- Encapsulate: Flame retardant epoxy resin coating, conforming to UL94 V-0.



■ Typical Application

- Specially designed for using in Capacitive Divider circuit in series with Power Supplies.
E.g.: Electricity Meters; LED Driver Modules, etc.
- High frequency, DC, AC, Pulse high current occasions.
E.g.: All MPP(CBB21) capacitor suitable occasions, such as Lamps, Power Supplies, etc.

■ Characteristics

- Excellent self-healing performance, good performance in withstand surge voltage;
Excellent capacitance stability in long-term overload condition.

■ Conform to RoHS standards

■ Technical Parameter

Reference Standards	GB/T14579(IEC60384-17)	
Climatic Category	40/105/21	
Rated Temperature	85℃	
Operating Temperature Range	-40℃~105℃ (+85℃ to +105℃: Decreasing Factor 1.25% per °C for U _R)	
Rated Voltage	275Vac (50/60Hz) / 400Vdc	
Capacitance Range	0.1μF ~ 2.2μF	
Capacitance Tolerance	J (±5%)、K (±10%)	
Voltage Proof	1.6U _R (Vdc) 5s	
Dissipation Factor	≤0.0010 (1kHz)	20℃, 1V
Insulation Resistance	C _R ≤0.33μF, R ≥25000 MΩ C _R >0.33μF, RC ≥7500S	20℃, 100V, 1min
Note: Products capacitance can be customized. Details specific parameters are according to Approval Sheet.		

Metallized Polypropylene Film Capacitors

■ Part Number System

The 18 digits part number is formed as follow:

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
R	P	P	4	7	4	J	2	7	1	9	0	8	1	5	8	0	0

Digit 1 to 3	Series Code: RPP=CBB21 (RC Voltage-Reducing)
Digit 4 to 6	Rated Capacitance Value: 474=47x10 ⁴ pF=0.47μF
Digit 7	Capacitance Tolerance: J=±5%; K=±10%
Digit 8 to 9	A.C. Rated Voltage: 27 = 275 Vac
Digit 10 to 15	Dimensions Code: See The Dimension Comparison Table
Digit 16	Lead-wire Diameter Code: 6=0.6; 8=0.8
Digit 17 to 18	Internal Recognition Code

■ Dimensions (mm) (Rated Voltage: 275Vac)

μF	Part Number	W	T	H	P	d	μF	Part Number	W	T	H	P	d
0.1	RPP104J27130510500	13	5.8	10.9	10	0.5	0.56	RPP564J27190817800	18	9.0	17.5	15	0.8
0.12	RPP124J27130511500	13	6.3	11.4	10	0.5	0.56	RPP564J27240714800	24	8.0	14.6	20	0.8
0.15	RPP154J27130612600	13	6.4	13.1	10	0.6	0.68	RPP684J27190918800	18	10.0	18.5	15	0.8
0.18	RPP184J27190510600	18	5.8	10.9	15	0.6	0.68	RPP684J27240815800	24	8.8	15.7	20	0.8
0.22	RPP224J27190511600	18	6.3	11.5	15	0.6	0.82	RPP824J27240916800	24	9.7	16.6	20	0.8
0.27	RPP274J27190611600	18	7.2	12.3	15	0.6	1.0	RPP105J27240918800	24	10.1	18.6	20	0.8
0.33	RPP334J27190613600	18	7.3	14.0	15	0.6	1.2	RPP125J27241019800	24	11.2	19.6	20	0.8
0.39	RPP394J27190714800	18	8.0	14.7	15	0.8	1.5	RPP155J27241121800	24	12.0	22.0	20	0.8
0.47	RPP474J27190815800	18	8.8	15.7	15	0.8	1.8	RPP185J27311119800	31	11.6	20.0	27.5	0.8
0.47	RPP474J27240613600	24	7.3	14.0	20	0.6	2.2	RPP225J27311222800	31	12.6	22.5	27.5	0.8