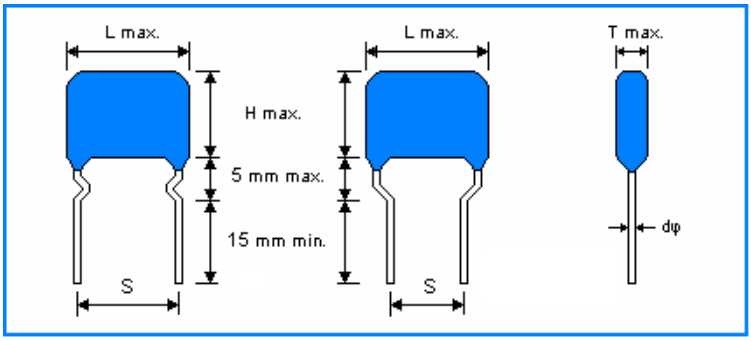
RoHS Compliant

TYPE PVD

METALLIZED POLYPROPYLENE CAPACITOR

LOW LOSSES & HIGH FREQUENCY, NON-INDUCTIVE, EPOXY DIPPED



APPLICATION

Suitable for the situation where applies high frequency and high current pulse.
Electronic ballast circuits.

FEATURES

* **Low losses and low ESR.**
* **Small inherent temperature rise.**
* **High reliability and excellent self-healing characteristics.**
* **Coated with flame retardant epoxy.**

Maximum pulse rise time (dv/dt) V / μsec

S \ VDC	250	400	630
10.0	40.0	50.0	70.0
15.0	30.0	40.0	50.0

GENERAL SPECIFICATION

1. OPERATING TEMPERATURE:
- 40℃ ~ + 105℃
Derate DC voltage 1.5%/℃ above 85℃ to 105℃.

2. VOLTAGE RANGE:
250, 400 and 630 VDC.

3. CAPACITANCE RANGE:
0.01 ~ 1.5 Mfd.

4. DIELECTRIC STRENGTH:
160% of rated voltage for 2 sec.

5. CAPACITANCE TOLERANCE:
±5%, ±10% and ±20%.

6. INSULATION RESISTANCE:
C＜.33 Mfd, R ≧30,000 Meg. Ohm at 20±3℃.
C≧.33 Mfd, RC≧10,000 Meg. Ohm × Mfd.

7. DISSIPATION FACTOR:
0.06% max. at 1KHz 20±3℃.

VDC / Mfd	250					400					630				
	L	T	H	S	dφ	L	T	H	S	dφ	L	T	H	S	dφ
0.010											12.5	5.5	9.5	10.0	0.6
0.012											12.5	6.0	10.0	10.0	0.6
0.015											12.5	6.5	10.5	10.0	0.6
0.018											12.5	6.5	11.5	10.0	0.6
0.022											12.5	7.0	12.0	10.0	0.6
0.027											12.5	7.5	13.0	10.0	0.6
0.033						12.5	5.5	11.0	10.0	0.6	12.5	8.0	13.5	10.0	0.6
0.039						12.5	6.0	11.5	10.0	0.6	12.5	8.5	14.0	10.0	0.6
0.047						12.5	6.5	12.0	10.0	0.6	12.5	9.0	15.5	10.0	0.6
0.056						12.5	7.0	12.5	10.0	0.6	12.5	9.5	16.0	10.0	0.8
0.068						12.5	7.5	13.0	10.0	0.6	12.5	10.5	17.0	10.0	0.8
0.082						12.5	8.5	13.5	10.0	0.6	18.0	8.5	15.5	15.0	0.8
0.10	12.5	6.0	11.5	10.0	0.6	12.5	8.5	15.5	10.0	0.6	18.0	9.5	16.5	15.0	0.8
0.12	12.5	6.5	12.0	10.0	0.6	12.5	9.0	16.0	10.0	0.6	18.0	10.5	17.0	15.0	0.8
0.15	12.5	7.0	12.5	10.0	0.6	12.5	10.0	17.0	10.0	0.8	18.0	11.0	19.5	15.0	0.8
0.18	12.5	7.5	13.0	10.0	0.6	12.5	11.0	18.0	10.0	0.8	18.0	12.0	20.5	15.0	0.8
0.22	12.5	8.5	13.5	10.0	0.6	18.0	9.0	16.0	15.0	0.8	18.0	13.0	21.5	15.0	0.8
0.27	12.5	8.5	15.5	10.0	0.6	18.0	10.0	17.0	15.0	0.8					
0.33	12.5	9.5	16.5	10.0	0.8	18.0	10.5	19.0	15.0	0.8					
0.39	12.5	10.5	17.0	10.0	0.8	18.0	11.5	20.0	15.0	0.8					
0.47	18.0	8.5	15.0	15.0	0.8	18.0	12.5	21.0	15.0	0.8					
0.56	18.0	9.0	16.0	15.0	0.8	18.0	13.5	22.0	15.0	0.8					
0.68	18.0	10.0	17.0	15.0	0.8										
0.82	18.0	10.5	19.0	15.0	0.8										
1.0	18.0	11.5	20.0	15.0	0.8										
1.2	18.0	12.5	21.0	15.0	0.8										
1.5	18.0	14.0	22.5	15.0	0.8										