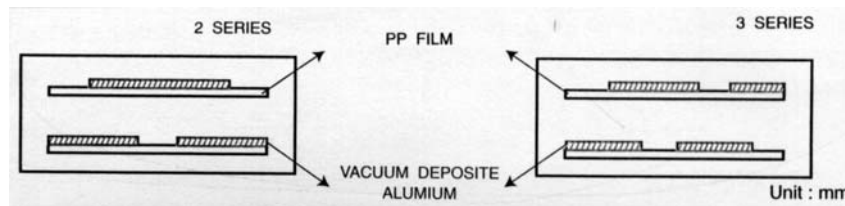
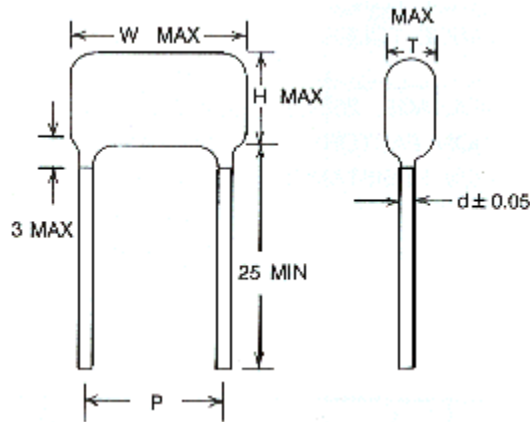


PSM is constructed with special series metallized polypropylene film dielectric, tinned copper wire leads and flame retardant epoxy resin coating, in non-inductive type. They are ideal for high frequency and high pulse circuits, such as TV or computer monitor horizontal resonance circuits, electric ballast, switching power supplies, etc.



Features:

- Self-healing property.
- High corona starting voltage (csv).
- Low DF and inherent temperature rise.
- High current rating and high dv/dt.
- High reliability and excellent long-term stability.
- Flame retardant epoxy resin coating (UL-class 94V-0)

Specification:

1. Operating Temperature: -40°C ~ + 85°C
2. Capacitance Range: 0.001 μF ~ 0.068 μF
3. Capacitance Tolerance: J ± 5%, K ± 10%, M ± 20%.
4. Rated Voltage (RV): 1000, 1600, 2000VDC
5. Dissipation Factor (DF): 0.1% MAX AT 1KHz 25°C
6. Testing Voltage (TV): 160% of RV for 60 secs.
7. Insulation Resistance (IR): IR >= 50,000 MΩ (at 25 °C) (measured at 100VDC 1minute)

Unit: mm

| RV | 1000VDC | | | | | 1600VDC | | | | | 2000VDC | | | | |
|---------|-----------|-----------|-----------|---------|-----|-----------|-----------|-----------|---------|-----|-----------|-----------|-----------|---------|-----|
| SIZE | W max. | H max. | Y max. | P | dΦ | W max. | H max. | Y max. | P | dΦ | W max. | H max. | Y max. | P | dΦ |
| Cap(μF) | | | | | | | | | | | | | | | |
| 0.0010 | 18.5 | 11.0 | 7.5 | 15.0±10 | 0.8 | 18.5 | 11.0 | 7.5 | 15.0±10 | 0.8 | 18.5 | 13.0 | 8.0 | 15.0±10 | 0.8 |
| 0.0012 | 18.5 | 11.5 | 8.0 | 15.0±10 | 0.8 | 18.5 | 11.5 | 8.0 | 15.0±10 | 0.8 | 18.5 | 13.5 | 8.5 | 15.0±10 | 0.8 |
| 0.0015 | 18.5 | 13.0 | 8.0 | 15.0±10 | 0.8 | 18.5 | 13.0 | 8.0 | 15.0±10 | 0.8 | 18.5 | 14.5 | 9.0 | 15.0±10 | 0.8 |
| 0.0018 | 18.5 | 13.5 | 8.0 | 15.0±10 | 0.8 | 18.5 | 13.5 | 8.0 | 15.0±10 | 0.8 | 18.5 | 15.0 | 9.5 | 15.0±10 | 0.8 |
| 0.0022 | 18.5 | 10.0 | 6.5 | 15.0±10 | 0.8 | 18.5 | 14.0 | 9.0 | 15.0±10 | 0.8 | 22.0 | 14.5 | 9.5 | 17.5±10 | 0.8 |
| 0.0027 | 18.5 | 10.5 | 7.0 | 15.0±10 | 0.8 | 18.5 | 16.0 | 9.0 | 15.0±10 | 0.8 | 22.0 | 15.0 | 10.0 | 17.5±10 | 0.8 |
| 0.0033 | 18.5 | 11.0 | 7.5 | 15.0±10 | 0.8 | 22.0 | 14.0 | 9.0 | 17.5±10 | 0.8 | 22.0 | 17.5 | 10.5 | 17.5±10 | 0.8 |
| 0.0039 | 18.5 | 11.5 | 8.0 | 15.0±10 | 0.8 | 22.0 | 14.5 | 9.5 | 17.5±10 | 0.8 | 22.0 | 17.5 | 11.0 | 17.5±10 | 0.8 |
| 0.0047 | 18.5 | 12.0 | 8.0 | 15.0±10 | 0.8 | 22.0 | 15.0 | 10.0 | 17.5±10 | 0.8 | 22.0 | 18.5 | 12.0 | 17.5±10 | 0.8 |
| 0.0056 | 18.5 | 13.0 | 8.0 | 15.0±10 | 0.8 | 22.0 | 16.0 | 10.5 | 17.5±10 | 0.8 | 22.0 | 19.5 | 12.5 | 17.5±10 | 0.8 |
| 0.0068 | 18.5 | 14.0 | 9.0 | 15.0±10 | 0.8 | 22.0 | 17.5 | 11.0 | 17.5±10 | 0.8 | 23.5 | 19.0 | 11.5 | 20.0±10 | 0.8 |
| 0.0082 | 18.5 | 15.0 | 9.5 | 15.0±10 | 0.8 | 22.0 | 18.5 | 12.0 | 17.5±10 | 0.8 | 23.5 | 19.5 | 13.0 | 20.0±10 | 0.8 |
| 0.010 | 18.5 | 15.0 | 10.0 | 15.0±10 | 0.8 | 23.5 | 17.5 | 12.5 | 20.0±10 | 0.8 | 23.5 | 22.0 | 13.0 | 20.0±10 | 0.8 |
| 0.012 | 18.5 | 16.0 | 11.0 | 17.5±10 | 0.8 | 23.5 | 18.0 | 13.0 | 20.0±10 | 0.8 | 23.5 | 23.0 | 14.0 | 20.0±10 | 0.8 |
| 0.015 | 22.0 | 15.5 | 10.5 | 17.5±10 | 0.8 | 23.5 | 20.5 | 14.0 | 20.0±10 | 0.8 | 26.5 | 23.0 | 14.5 | 22.5±10 | 0.8 |
| 0.016 | 22.0 | 17.0 | 11.0 | 17.5±10 | 0.8 | 23.5 | 22.5 | 15.0 | 20.0±10 | 0.8 | 26.5 | 24.0 | 16.0 | 22.5±10 | 0.8 |
| 0.022 | 22.0 | 18.0 | 11.5 | 20.0±10 | 0.8 | 26.5 | 22.5 | 15.0 | 22.5±10 | 0.8 | 26.5 | 25.5 | 17.5 | 22.5±10 | 0.8 |
| 0.027 | 23.5 | 18.0 | 11.0 | 20.0±10 | 0.8 | 26.5 | 24.5 | 15.5 | 22.5±10 | 0.8 | | | | | |
| 0.033 | 23.5 | 19.0 | 12.0 | 20.0±10 | 0.8 | 26.5 | 27.0 | 16.5 | 22.5±10 | 0.8 | | | | | |
| 0.039 | 23.5 | 20.0 | 12.0 | 20.0±10 | 0.8 | | | | | | | | | | |
| 0.047 | 23.5 | 21.5 | 13.0 | 20.0±10 | 0.8 | | | | | | | | | | |
| 0.056 | 23.5 | 22.0 | 13.0 | 22.5±10 | 0.8 | | | | | | | | | | |
| 0.068 | 23.5 | 22.5 | 14.0 | 22.5±10 | 0.8 | | | | | | | | | | |

Please contact us for special case size or items not listed.