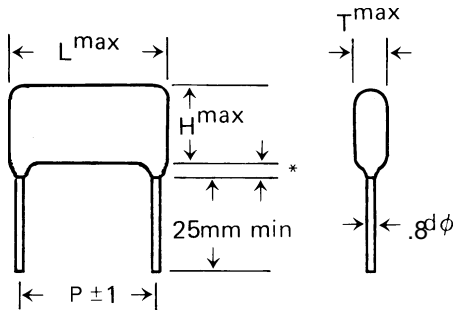


POLYPROPYLENE (OPP)



* 2mm max. for L > 20 mm

* 1.5mm max. for L ≤ 20 mm
 2014S capacitors are good for pulse and high frequency applications, with their low dissipation factor. High insulation resistance under high humidity conditions.

SPECIFICATIONS

| Performance Characteristics | |
|--------------------------------------|------------------------------|
| Operating Temperature Range | -25°C ~ +85°C. |
| Voltage Range | 1000, 1250, 1600, & 2000VDC. |
| Capacitance Range | 0.001μF ~ 0.33μF. |
| Capacitance Tolerance | ±2%, ±5%, ±10%, & 20%. |
| Maximum Dissipation Factor % (1KHz) | <0.09. |
| Minimum Insulation Resistance (20°C) | 40000MΩ. |
| Corona Inception Voltage (60Hz) | 500Vrms. |

PART NUMBERING

| Part Number Example: 2014S-1K0/103K25F | | | | | | | |
|--|---|------------------|---|------------------------|----------------|--------------|----------------|
| 2014S | - | 1K0 | / | 103 | K | 25 | F |
| Type | | Rated DC Voltage | | Capacitance Code (pF)* | Tolerance Code | Lead Spacing | RoHs Compliant |
| * Capacitance Code: First two digits represent significant figures, third digit represents multiplier (number of zeros). | | | | | | | |

DIMENSIONS

| Cap. (μF) | 1000WVDC | | | | 1250WVDC | | | | 1600WVDC | | | | 2000WVDC | | | |
|-----------|----------|------|------|------|----------|------|------|------|----------|------|------|------|----------|------|------|------|
| | L | H | T | P | L | H | T | P | L | H | T | P | L | H | T | P |
| 0.001 | | | | | | | | | 30.0 | 16.0 | 9.0 | 25.0 | 30.0 | 18.5 | 11.0 | 25.0 |
| 0.0012 | | | | | | | | | 30.0 | 16.5 | 10.0 | 25.0 | 30.0 | 19.0 | 11.5 | 25.0 |
| 0.0015 | | | | | 30.0 | 15.5 | 8.5 | 25.0 | 30.0 | 17.5 | 10.5 | 25.0 | 31.0 | 20.0 | 12.5 | 25.0 |
| 0.0018 | | | | | 30.0 | 16.0 | 9.0 | 25.0 | 30.0 | 18.0 | 11.0 | 25.0 | 31.0 | 21.0 | 13.5 | 25.0 |
| 0.0022 | 30.0 | 15.5 | 8.5 | 25.0 | 30.0 | 16.5 | 9.5 | 25.0 | 30.0 | 18.5 | 12.0 | 25.0 | 31.0 | 22.0 | 14.5 | 25.0 |
| 0.0027 | 30.0 | 16.0 | 9.0 | 25.0 | 30.0 | 17.0 | 10.5 | 25.0 | 31.0 | 19.5 | 13.0 | 25.0 | 31.0 | 23.0 | 16.0 | 25.0 |
| 0.0033 | 30.0 | 16.5 | 9.5 | 25.0 | 30.0 | 18.0 | 11.0 | 25.0 | 31.0 | 21.0 | 14.0 | 25.0 | 31.0 | 24.5 | 17.0 | 25.0 |
| 0.0039 | 30.0 | 17.0 | 10.0 | 25.0 | 30.0 | 19.0 | 12.0 | 25.0 | 31.0 | 22.0 | 15.5 | 25.0 | 41.0 | 20.5 | 13.0 | 35.0 |
| 0.0047 | 30.0 | 17.5 | 11.0 | 25.0 | 31.0 | 19.5 | 13.0 | 25.0 | 31.0 | 23.0 | 16.5 | 25.0 | 41.0 | 21.5 | 14.5 | 35.0 |
| 0.0056 | 30.0 | 18.5 | 12.0 | 25.0 | 31.0 | 21.0 | 14.0 | 25.0 | 31.0 | 24.0 | 17.5 | 25.0 | 41.0 | 22.5 | 15.5 | 35.0 |
| 0.0068 | 31.0 | 19.5 | 12.5 | 25.0 | 31.0 | 22.0 | 15.0 | 25.0 | 41.0 | 20.5 | 14.0 | 35.0 | 41.0 | 24.0 | 16.5 | 35.0 |
| 0.0082 | 31.0 | 20.5 | 13.5 | 25.0 | 31.0 | 23.0 | 16.0 | 25.0 | 41.0 | 22.0 | 15.5 | 35.0 | 51.0 | 22.0 | 15.0 | 45.0 |
| 0.010 | 31.0 | 21.5 | 14.5 | 25.0 | 31.0 | 24.5 | 17.5 | 25.0 | 41.0 | 23.5 | 16.5 | 35.0 | 51.0 | 23.5 | 16.0 | 45.0 |
| 0.012 | 31.0 | 23.0 | 15.0 | 25.0 | 41.0 | 22.0 | 15.0 | 35.0 | 41.0 | 24.5 | 18.0 | 35.0 | 51.0 | 24.5 | 17.5 | 45.0 |
| 0.015 | 31.0 | 24.5 | 17.5 | 25.0 | 41.0 | 23.0 | 16.0 | 35.0 | 41.0 | 26.5 | 19.5 | 35.0 | 51.0 | 26.5 | 19.0 | 45.0 |
| 0.018 | 41.0 | 21.0 | 13.0 | 35.0 | 41.0 | 24.0 | 17.5 | 35.0 | 51.0 | 27.5 | 20.5 | 45.0 | | | | |
| 0.022 | 41.0 | 22.5 | 15.5 | 35.0 | 41.0 | 25.5 | 19.0 | 35.0 | 51.0 | 26.0 | 19.0 | 45.0 | | | | |
| 0.027 | 41.0 | 23.0 | 16.5 | 35.0 | | | | | | | | | | | | |
| 0.033 | 41.0 | 24.0 | 17.5 | 35.0 | | | | | | | | | | | | |