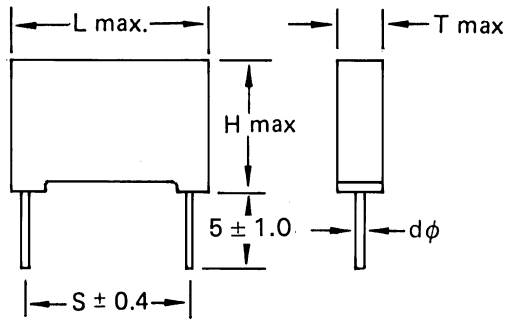


METALLIZED POLYPROPYLENE CAPACITOR

TYPE 2124

NON-INDUCTIVE, LOW SELF INDUCTANCE, FLAME RETARDANT ENCASED



GENERAL SPECIFICATION

1. **OPERATING TEMPERATURE:**
-40°C to 85°C
2. **VOLTAGE RANGE:**
250, 400 and 630 VDC
3. **CAPACITANCE RANGE:**
0.01 to 2.2 Mfd.
4. **DIELECTRIC STRENGTH:**
150% of rated voltage for 5 sec.
5. **CAPACITANCE TOLERANCE:**
± 1%, ± 2%, ± 2.5%, ± 5%, ± 10% and ± 20%
6. **INSULATION RESISTANCE:**
C < .33 Mfd. R • 30,000 Meg. Ohm at 25°C
C • .33 Mfd. R • 10,000 Meg. Ohm x Mfd.
7. **DISSIPATION FACTOR:**
0.2% max. at 1 KHz (Typical 0.1%)
0.2% max. at 10 KHz for .01 Mfd. < C - 0.1 Mfd.
0.3% max. at 10 KHz for 0.1 Mfd. < C - 1.0 Mfd.

| Case Code | L | T | H | S | dφ |
|-----------|------|------|------|------|-----|
| B2 | 10.5 | 4.0 | 9.0 | 7.5 | 0.6 |
| C1 | 13.0 | 4.0 | 9.0 | 10.0 | 0.8 |
| C2 | 13.0 | 5.0 | 11.0 | 10.0 | 0.8 |
| C3 | 13.0 | 6.0 | 12.0 | 10.0 | 0.8 |
| D1 | 18.0 | 5.0 | 11.0 | 15.0 | 0.8 |
| D2 | 18.0 | 6.0 | 12.0 | 15.0 | 0.8 |
| D3 | 18.0 | 7.5 | 13.5 | 15.0 | 0.8 |
| D4 | 18.0 | 8.5 | 14.5 | 15.0 | 0.8 |
| E1 | 26.5 | 6.0 | 15.0 | 22.5 | 0.8 |
| E2 | 26.5 | 7.0 | 16.5 | 22.5 | 0.8 |
| E3 | 26.5 | 8.5 | 17.0 | 22.5 | 0.8 |
| E4 | 26.5 | 10.0 | 19.0 | 22.5 | 0.8 |
| F1 | 32.0 | 11.0 | 20.0 | 27.5 | 0.8 |
| F2 | 32.0 | 13.0 | 22.0 | 27.5 | 0.8 |
| G1 | 32.0 | 15.0 | 30.0 | 27.5 | 0.8 |

Part Number Example: See Page F.2

| VDC Mfd | 250 VDC Case Code | 400 VDC Case Code | 630 VDC Case Code |
|------------|----------------------|----------------------|----------------------|
| 0.01 | B2/C1 | C1 | C2 |
| 0.015 | B2/C1 | C1 | C2 |
| 0.022 | C1 | C2 | C3 |
| 0.033 | C1 | C2 | D2 |
| 0.047 | C2 | C3 | D3 |
| 0.068 | C2 | D2 | D4 |
| 0.1 | C3/D1 | D3 | E2 |
| 0.15 | D2 | D4 | E3 |
| 0.22 | D2 | E2 | E4/F1 |
| 0.33 | E1 | E3 | F2 |
| 0.47 | E2 | E4/F1 | G1 |
| 0.68 | E2 | F1 | |
| 1.0 | E4/F1 | F2 | |
| 1.5 | F1 | G1 | |
| 2.2 | F2 | | |

MAXIMUM PULSE RISE TIME (DV/DT) V/μSEC

| VDC \ S | 7.5 | 10.0 | 15.0 | 22.5 | 27.5 |
|---------|-----|------|------|------|------|
| 250 | 15 | 11 | 7 | 4 | 3 |
| 400 | 30 | 20 | 10 | 5.5 | 5 |
| 630 | 40 | 30 | 15 | 8 | 7 |

Please state required case code when submitting inquiries.