



Click [here](#) for the 3D model.

General Information

| | |
|--------------------------|---------------------------------------|
| Series | SMD Comm Y5V |
| Style | SMD Chip |
| Description | SMD, MLCC, General Purpose, Class III |
| Features | Class III |
| RoHS | Yes |
| Termination | Tin |
| Marking | No |
| Typical Component Weight | 11 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

Specifications

| | |
|--|---|
| Capacitance | 0.22 uF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Tolerance | -20/+80% |
| Voltage DC | 16 VDC |
| Dielectric Withstanding Voltage | 40 VDC |
| Temperature Range | -30/+85°C |
| Temp. Coefficient | Y5V |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | +22%/-82%, 1kHz 1.0Vrms |
| Dissipation Factor | 7% 1 kHz 1.0Vrms |
| Aging Rate | 7% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance | 454.5 MOhms |

| Dimensions | |
|----------------------|------------------|
| L | 2mm +/-0.2mm |
| W | 1.25mm +/-0.2mm |
| T | 0.78mm +/-0.10mm |
| S | 0.7mm MIN |
| B | 0.5mm +/-0.25mm |
| Case Code (EIA / mm) | 0805 / 2012 |

| Packaging Specifications | |
|--------------------------|------------------------|
| Packaging | T&R, 180mm, Paper Tape |
| Packaging Quantity | 4000 |

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