

C0603T100K3RALTU

Aliases (C0603T100K3RAL7867)

SMD COTS X7R, Ceramic, 10 pF, 10%, 25 VDC, X7R, SMD, MLCC, COTS, Temperature Stable, Class II, 0603



Click here for the 3D model.

| Dimensions | |
|------------|------------------|
| Chip Size | 0603 |
| L | 1.6mm +/-0.15mm |
| W | 0.8mm +/-0.15mm |
| Т | 0.8mm +/-0.07mm |
| S | 0.7mm MIN |
| В | 0.35mm +/-0.15mm |

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

| SMD COTS X7R |
|--|
| SIND COTS A/K |
| SMD Chip |
| SMD, MLCC, COTS, Temperature Stable, Class II |
| Temperature Stable, Class II |
| No |
| ▲ WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov. |
| 2d771165-5336-48a3-96fa-3663929fd828 |
| Lead (SnPb) |
| No |
| Testing per MIL-PRF-55681 PDA 8% |
| No |
| 4.8 mg |
| 78 Weeks |
| 1 |
| |

| Specifications | |
|--|--|
| Capacitance | 10 pF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Capacitance Tolerance | 10% |
| Voltage DC | 25 VDC |
| Dielectric Withstanding Voltage | 62.5 VDC |
| Temperature Range | -55/+125°C |
| Temperature Coefficient | X7R |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 15%, 1kHz 1.0Vrms |
| Dissipation Factor | 3.5% 1 kHz 1.0 Vrms |
| Aging Rate | 3% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance | 100 GOhms |

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