

C1825X104K1RALTU

Aliases (C1825X104K1RAL7800)

SMD Comm X7R Flex, Ceramic, 0.1 uF, 10%, 100 VDC, X7R, SMD, MLCC, FT-CAP, Temperature Stable, 1825



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

| General Information | |
|--------------------------|--|
| Series | SMD Comm X7R Flex |
| Style | SMD Chip |
| Description | SMD, MLCC, FT-CAP, Temperature Stable |
| Features | FT-CAP, Temperature Stable |
| RoHS | No |
| Prop 65 | WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov/ |
| Termination | Flexible Termination With Lead (SnPb) |
| Marking | false |
| AEC-Q200 | No |
| Typical Component Weight | 170 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Dimensions | |
|------------|-----------------|
| Chip Size | 1825 |
| L | 4.6mm +/-0.4mm |
| W | 6.4mm +/-0.4mm |
| T | 1.1mm +/-0.15mm |
| S | 2.3mm MIN |
| B | 0.7mm +/-0.35mm |

| Packaging Specifications | |
|--------------------------|--------------------------|
| Packaging | T&R, 180mm, Plastic Tape |
| Packaging Quantity | 1000 |

| Specifications | |
|--|---|
| Capacitance | 0.1 uF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Capacitance Tolerance | 10% |
| Voltage DC | 100 VDC |
| Dielectric Withstanding Voltage | 250 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 | 2.5% 1 kHz 1.0Vrms |
| Aging Rate | 3% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance | 10 GOhms |

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