

C1210T474K1RCLTU

Aliases (C1210T474K1RCL7800)

SMD COTS X7R, Ceramic, 0.47 uF, 10%, 100 VDC, X7R, SMD, MLCC, COTS, Temperature Stable, Class II, 1210



Click here for the 3D model.

| Dimensions | | |
|------------|------------------|--|
| Chip Size | 1210 | |
| L | 3.2mm +/-0.2mm | |
| W | 2.5mm +/-0.2mm | |
| Т | 0.95mm +/-0.10mm | |
| В | 0.5mm +/-0.25mm | |

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

| General Information | | |
|---------------------|---|--|
| Series | SMD COTS X7R | |
| Style | SMD Chip | |
| Description | SMD, MLCC, COTS, Temperature Stable, Class II | |
| Features | Temperature Stable, Class II | |
| RoHS | No | |
| Prop 65 | ▲ WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov. | |
| SCIP Number | 2d771165-5336-48a3-96fa-3663929fd828 | |
| Termination | Lead (SnPb) | |
| Marking | No | |
| Failure Rate | Testing per MIL-PRF-55681 PDA 8%, DPA per EIA- 469, Humidity per MIL-STD-202, Method 103, Condition A | |
| AEC-Q200 | No | |
| Component Weight | 50 mg | |
| Shelf Life | 78 Weeks | |
| MSL | 1 | |

| Specifications | |
|--|--|
| Capacitance | 0.47 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 | 1.0638 GOhms |

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