

C1210C302M1HACTU

Aliases (C1210C302M1HAC7800)

SMD Comm X8R HT150C, Ceramic, 3000 pF, 20%, 100 VDC, X8R, SMD, MLCC, High Temperature, Ultra-Stable, 1210



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

| Dimensions | |
|------------|-----------------|
| Chip Size | 1210 |
| L | 3.2mm +/-0.2mm |
| W | 2.5mm +/-0.2mm |
| T | 0.9mm +/-0.10mm |
| B | 0.5mm +/-0.25mm |

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

| General Information | |
|---------------------|---|
| Series | SMD Comm X8R HT150C |
| Style | SMD Chip |
| Description | SMD, MLCC, High Temperature, Ultra-Stable |
| Features | High Temperature, Ultra-Stable |
| RoHS | Yes |
| Termination | Tin |
| Marking | No |
| AEC-Q200 | No |
| Component Weight | 40 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Specifications | |
|--|---|
| Capacitance | 3000 pF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Capacitance Tolerance | 20% |
| Voltage DC | 100 VDC |
| Dielectric Withstanding Voltage | 250 VDC |
| Temperature Range | -55/+150°C |
| Temperature Coefficient | X8R |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 15%, 1kHz 1.0Vrms |
| Dissipation Factor | 2.5% 1kHz 1.0Vrms |
| Aging Rate | 0% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance | 100 GOhms |

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