



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

| Dimensions | |
|------------|-----------------|
| L | 5.9mm +/-0.75mm |
| W | 5mm +/-0.4mm |
| T | 5.1mm +/-0.4mm |
| B | 0.7mm +/-0.35mm |

| Packaging Specifications | |
|--------------------------|--------------------------|
| Packaging | T&R, 330mm, Plastic Tape |
| Packaging Quantity | 1250 |

| General Information | |
|---------------------|--|
| Series | KONNEKT Auto X7R |
| Style | KONNEKT |
| Description | SMD, MLCC, KONNEKT, Ultra-Stable, Class II |
| Features | High Density Packaging |
| RoHS | Yes |
| Termination | Flexible Termination |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Component Weight | 800 mg |
| Chip Size | 2220-2 |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Specifications | |
|--|---------------------|
| Capacitance | 0.044 uF |
| Measurement Condition | 120 Hz 0.5Vrms |
| Capacitance Tolerance | 10% |
| Voltage DC | 2000 VDC |
| Dielectric Withstanding Voltage | 2400 VDC |
| Temperature Range | -55/+125°C |
| Temperature Coefficient | X7R |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 15%, 120Hz 0.5Vrms |
| Dissipation Factor | 2.5% 120 Hz 0.5Vrms |
| Aging Rate | 3% Loss/Decade Hour |
| Insulation Resistance | 22.727 GOhms |

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