

KONNEKT Auto X7R, Ceramic, 0.24 uF, 10%, 1000 VDC, X7R



Dimensions

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

Packaging Specifications

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| Packaging: | T&R, 180mm, Plastic Tape |
| Packaging Quantity: | 300 |

General Information

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| 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

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|--|---------------------|
| Capacitance: | 0.24 uF |
| Measurement Condition: | 120 Hz 0.5Vrms |
| Capacitance Tolerance: | 10% |
| Voltage DC: | 1000 VDC |
| Dielectric Withstanding Voltage: | 1200 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: | 4.167 GOhms |

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