

KC Link Auto C0G, Ceramic, 7500 pF, 20%, 500 VDC, C0G, SMD, MLCC, FT-CAP, Ultra-Stable, 1812



Dimensions

| Dimensions | |
|------------|-----------------|
| Chip Size | 1812 |
| L | 4.7mm +/-0.4mm |
| W | 3.2mm +/-0.3mm |
| T | 1.6mm +/-0.20mm |
| B | 0.7mm +/-0.35mm |

Packaging Specifications

| | |
|---------------------|--------------------------|
| Weight: | 87 mg |
| Packaging: | T&R, 330mm, Plastic Tape |
| Packaging Quantity: | 4000 |

General Information

| | |
|-----------------|---------------------------------|
| Series: | KC Link Auto C0G |
| Style: | SMD Chip |
| Description: | SMD, MLCC, FT-CAP, Ultra-Stable |
| Features: | FT-CAP, Ultra-Stable |
| RoHS: | Yes |
| Termination: | Flexible Termination |
| Marking: | No |
| Qualifications: | AEC-Q200 |
| AEC-Q200: | Yes |
| Shelf Life: | 78 Weeks |
| MSL: | 1 |

Specifications

| | |
|---|------------------------|
| Capacitance: | 7500 pF |
| Measurement Condition: | 1 kHz 1.0Vrms |
| Capacitance Tolerance: | 20% |
| Voltage DC: | 500 VDC |
| Dielectric Withstanding Voltage: | 750 VDC |
| Temperature Range: | -55/+150°C |
| Temperature Coefficient: | C0G |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC): | 30 ppm/C, 1kHz 1.0Vrms |
| Dissipation Factor: | 0.1% 1 kHz 1.0Vrms |
| Aging Rate: | 0% Loss/Decade Hour |
| Insulation Resistance: | 100 GOhms |