

KC Link Auto C0G, Ceramic, 0.015 uF, 5%, 1000 VDC, C0G, SMD, MLCC, FT-CAP, Ultra-Stable, 1812



| Dimensions |                 |
|------------|-----------------|
| Chip Size  | 1812            |
| L          | 4.7mm +/-0.4mm  |
| W          | 3.2mm +/-0.3mm  |
| T          | 2.5mm +/-0.20mm |
| B          | 0.7mm +/-0.35mm |

| Packaging Specifications |                          |
|--------------------------|--------------------------|
| Weight:                  | 87 mg                    |
| Packaging:               | T&R, 330mm, Plastic Tape |
| Packaging Quantity:      | 2000                     |

| 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:                                                        | 0.015 uF               |
| Measurement Condition:                                              | 1 kHz 1.0Vrms          |
| Capacitance Tolerance:                                              | 5%                     |
| Voltage DC:                                                         | 1000 VDC               |
| Dielectric Withstanding Voltage:                                    | 1200 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:                                              | 66.6667 GOhms          |

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