

KC Link Comm C0G, Ceramic, 0.082 uF, 10%, 650 VDC, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 3640



| General Information |  |
|---------------------|--|
| Series:             | KC Link Comm C0G                           |
| Style:              | SMD Chip                                   |
| Description:        | SMD, MLCC, Ultra-Stable, Low Loss, Class I |
| Features:           | Ultra-Stable, Low Loss                     |
| RoHS:               | Yes  |
| Termination:        | Tin  |
| Marking:            | No   |
| AEC-Q200:           | No   |
| Shelf Life:         | 78 Weeks                                   |
| MSL:                | 1  |

| Dimensions |                 |
|------------|-----------------|
| Chip Size  | 3640            |
| L          | 9.3mm +/-0.6mm  |
| W          | 10.2mm +/-0.4mm |
| T          | 2mm +/-0.2mm    |
| B          | 1.27mm +/-0.4mm |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging:               | Bulk, Bag |
| Packaging Quantity:      | 1         |

| Specifications  |                         |
|---|-------------------------|
| Capacitance:  | 0.082 uF                |
| Measurement Condition:  | 82000 pF, 1 kHz 1.0Vrms |
| Capacitance Tolerance:  | 10%                     |
| Voltage DC:   | 650 VDC                 |
| Dielectric Withstanding Voltage:                                    | 845 VDC                 |
| Temperature Range:  | -55/+125°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:  | 12.195 GOhms            |

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