



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

### Dimensions

|           |                 |
|-----------|-----------------|
| Chip Size | 2220            |
| L         | 6.1mm +/-0.75mm |
| W         | 5mm +/-0.4mm    |
| T         | 1.4mm +/-0.15mm |
| B         | 0.7mm +/-0.35mm |

### Packaging Specifications

|                    |                          |
|--------------------|--------------------------|
| Packaging          | T&R, 330mm, Plastic Tape |
| Packaging Quantity | 4000                     |

### General Information

|                  |                                 |
|------------------|---------------------------------|
| Series           | KC-LINK Auto COG                |
| 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                             |
| Component Weight | 190 mg                          |
| Shelf Life       | 78 Weeks                        |
| MSL              | 1                               |

### Specifications

|  |                        |
|--|------------------------|
| Capacitance  | 0.015 uF               |
| Measurement Condition  | 1 kHz 1.0Vrms          |
| Capacitance Tolerance  | 2%                     |
| Voltage DC   | 1000 VDC               |
| Dielectric Withstanding Voltage                                    | 1200 VDC               |
| Temperature Range  | -55/+150°C             |
| Temperature Coefficient  | COG                    |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 30 ppm/C, 1kHz 1.0Vrms |
| Dissipation Factor   | 0.1% 1kHz 1.0Vrms      |
| Aging Rate   | 0% Loss/Decade Hour    |
| Insulation Resistance  | 66.6667 GOhms          |