

## CKC21C123FWGAC7210

KC-LINK Comm COG, Ceramic, 0.012 uF, 1%, 650 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 2220



Click here for the 3D model.

| Dimensions |                 |
|------------|-----------------|
| Chip Size  | 2220            |
| L          | 5.9mm +/-0.4mm  |
| W          | 5mm +/-0.4mm    |
| Т          | 2.5mm +/-0.20mm |
| В          | 0.6mm +/-0.35mm |

| Packaging Specifications |                          |
|--------------------------|--------------------------|
| Packaging                | T&R, 330mm, Plastic Tape |
| Packaging Quantity       | 2000                     |

| General Information |  |
|---------------------|--|
| Series              | KC-LINK Comm COG                           |
| Style               | SMD Chip                                   |
| Description         | SMD, MLCC, Ultra-Stable, Low Loss, Class I |
| Features            | Ultra-Stable, Low Loss, Class I            |
| RoHS                | Yes  |
| Termination         | Tin  |
| Marking             | No   |
| AEC-Q200            | No   |
| Component Weight    | 320 mg                                     |
| Shelf Life          | 78 Weeks                                   |
| MSL                 | 1  |

| Specifications   |                           |
|--|---------------------------|
| Capacitance  | 0.012 uF                  |
| Measurement Condition  | 1 kHz 1.0Vrms             |
| Capacitance Tolerance  | 1%                        |
| Voltage DC   | 650 VDC                   |
| Dielectric Withstanding Voltage                                    | 845 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<br>1.0Vrms |
| Dissipation Factor   | 0.1% 1 kHz 1.0Vrms        |
| Aging Rate   | 0% Loss/Decade<br>Hour    |
| Insulation Resistance  | 83.3333 GOhms             |

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