



### General Information

|                  |  |
|------------------|--|
| Series           | KONNEKT KC-LINK Comm COG                               |
| Style            | KONNEKT  |
| Description      | KC-LINK with KONNEKT, SMD, MLCC, Ultra-Stable, Class I |
| Features         | Ultra-Stable   |
| RoHS             | Yes  |
| Termination      | Tin  |
| AEC-Q200         | No   |
| Component Weight | 1.4 g  |
| Notes            | 4-Chip Low Loss Orientation.                           |
| Chip Size        | 2220-4   |
| MSL              | 1  |

### Dimensions

|   |                 |
|---|-----------------|
| L | 5.7mm +/-0.4mm  |
| W | 10.3mm +/-0.8mm |
| T | 5mm +/-0.4mm    |
| B | 0.6mm +/-0.35mm |

### Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | T&R, 180mm |
| Packaging Quantity | 125        |

### Specifications

|  |                        |
|--|------------------------|
| Capacitance  | 0.048 uF               |
| Measurement Condition  | 1 kHz 1.0Vrms          |
| Capacitance Tolerance  | 10%                    |
| Voltage DC   | 1200 VDC               |
| Dielectric Withstanding Voltage                                    | 1440 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  | 21 MOhms               |

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