



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

#### General Information

|                          |   |
|--------------------------|---|
| Series                   | KONNEKT Auto COG                          |
| Style                    | KONNEKT                                   |
| Description              | SMD, MLCC, KONNEKT, Ultra-Stable, Class I |
| Features                 | High Density Packaging                    |
| RoHS                     | Yes                                       |
| Termination              | Tin                                       |
| Qualifications           | AEC-Q200                                  |
| AEC-Q200                 | Yes                                       |
| Typical Component Weight | 77.62 mg                                  |
| Chip Size                | 1206-2                                    |
| Shelf Life               | 78 Weeks                                  |
| MSL                      | 1   |

#### Specifications

|  |                     |
|--|---------------------|
| Capacitance  | 0.16 uF             |
| Measurement Condition  | 1 kHz 1.0Vrms       |
| Capacitance Tolerance  | 10%                 |
| Voltage DC   | 50 VDC              |
| Dielectric Withstanding Voltage                                    | 125 VDC             |
| Temperature Range  | -55/+125°C          |
| Temperature Coefficient  | COG                 |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 30 ppm/C            |
| Dissipation Factor   | 0.1% 1 kHz 1.0Vrms  |
| Aging Rate   | 0% Loss/Decade Hour |
| Insulation Resistance  | 6.25 GOhms          |

#### Dimensions

|   |                 |
|---|-----------------|
| L | 3.2mm +/-0.2mm  |
| W | 1.6mm +/-0.2mm  |
| T | 3.2mm +/-0.4mm  |
| B | 0.5mm +/-0.25mm |

#### Packaging Specifications

|                    |                          |
|--------------------|--------------------------|
| Packaging          | T&R, 180mm, Plastic Tape |
| Packaging Quantity | 500                      |

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