





Click here for the 3D model.

| Dimensions | |
|------------|-----------------|
| L | 4.5mm +/-0.3mm |
| W | 3.2mm +/-0.3mm |
| т | 3.3mm +/-0.4mm |
| В | 0.6mm +/-0.35mm |

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

| 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 |
| Component Weight | 190 mg |
| Chip Size | 1812-2 |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Specifications | | | |
|--------------------------------------------------------------------|------------------------|--|--|
| Capacitance | 0.44 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 | 1.136 GOhms | | |

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