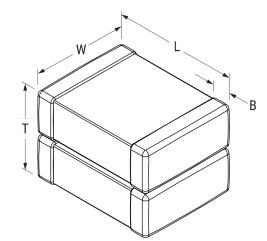


C2220X443KGRLC7210 KONNEKT Comm X7R, Ceramic, 0.044 uF, 10%, 2000 VDC, X7R



Click here for the 3D model.

| Dimensions | |
|------------|-----------------|
| L | 5.9mm +/-0.75mm |
| W | 5mm +/-0.4mm |
| Т | 5.1mm +/-0.4mm |
| В | 0.7mm +/-0.35mm |

| Packaging Specifications | | | |
|--------------------------|--------------------------|--|--|
| Packaging | T&R, 330mm, Plastic Tape | | |
| Packaging Quantity | 1250 | | |

| General Information | | | | |
|---------------------|--|--|--|--|
| Series | KONNEKT Comm X7R | | | |
| Style | KONNEKT | | | |
| Description | SMD, MLCC, KONNEKT, Ultra-Stable, Class II | | | |
| Features | High Density Packaging | | | |
| RoHS | Yes | | | |
| Termination | Flexible Termination | | | |
| AEC-Q200 | No | | | |
| Component Weight | 800 mg | | | |
| Chip Size | 2220-2 | | | |
| Shelf Life | 78 Weeks | | | |
| MSL | 1 | | | |

| Specifications | | | |
|--|------------------------|--|--|
| Capacitance | 0.044 uF | | |
| Measurement Condition | 120 Hz 0.5Vrms | | |
| Capacitance Tolerance | 10% | | |
| Voltage DC | 2000 VDC | | |
| Dielectric Withstanding Voltage | 2400 VDC | | |
| Temperature Range | -55/+125°C | | |
| Temperature Coefficient | X7R | | |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 15%, 120Hz 0.5Vrms | | |
| Dissipation Factor | 2.5% 120 Hz 0.5Vrms | | |
| Aging Rate | 3% Loss/Decade Hour | | |
| Insulation Resistance | 22.727 GOhms | | |

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