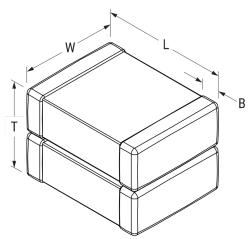


a YAGEO company

C2220X944KCRLC7210

KONNEKT Comm X7R, Ceramic, 0.94 uF, 10%, 500 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 | 808 mg | |
| Chip Size | 2220-2 | |
| Shelf Life | 78 Weeks | |
| MSL | 1 | |

| Specifications | |
|--|------------------------|
| Capacitance | 0.94 uF |
| Measurement Condition | 120 Hz 0.5Vrms |
| Capacitance Tolerance | 10% |
| Voltage DC | 500 VDC |
| Dielectric Withstanding Voltage | 750 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 | 106 MOhms |

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