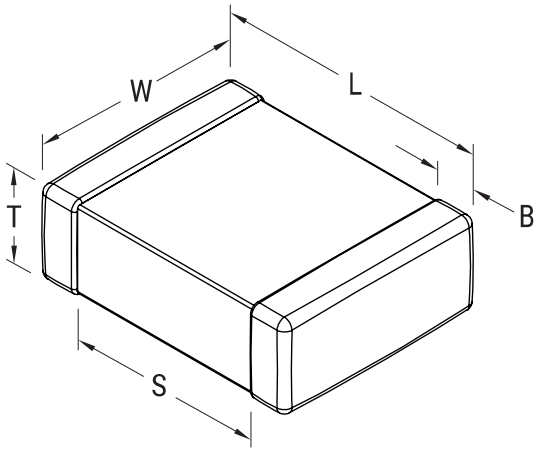
# C1206C220K1RACTU

Aliases (C1206C220K1RAC7800)

SMD Comm X7R, Ceramic, 22 pF, 10%, 100 VDC, X7R, SMD, MLCC, Temperature Stable, Class II, 1206, 1.5 mm




Click here for the 3D model.

| General Information | |
|---|---|
| Series | SMD Comm X7R |
| Style | SMD Chip |
| Description | SMD, MLCC, Temperature Stable, Class II |
| Features | Temperature Stable, Class II |
| RoHS | Yes |
| Termination | Tin |
| Marking | No |
| AEC-Q200 | No |
| Typical Component Weight | 17 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Dimensions | |
|---|---|
| Chip Size | 1206 |
| L | 3.2mm +/-0.2mm |
| W | 1.6mm +/-0.2mm |
| T | 0.78mm +/-0.10mm |
| S | 1.5mm MIN |
| B | 0.5mm +/-0.25mm |

| Packaging Specifications | |
|---|---|
| Packaging | T&R, 180mm, Plastic Tape |
| Packaging Quantity | 4000 |

| Specifications | |
|---|---|
| Capacitance | 22 pF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Tolerance | 10% |
| Voltage DC | 100 VDC |
| Dielectric Withstanding Voltage | 250 VDC |
| Temperature Range | -55/+125°C |
| Temp. Coefficient | X7R |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 15%, 1kHz 1.0Vrms |
| Dissipation Factor | 2.5% 1 kHz 1.0Vrms |
| Aging Rate | 3% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance | 100 GOhms |