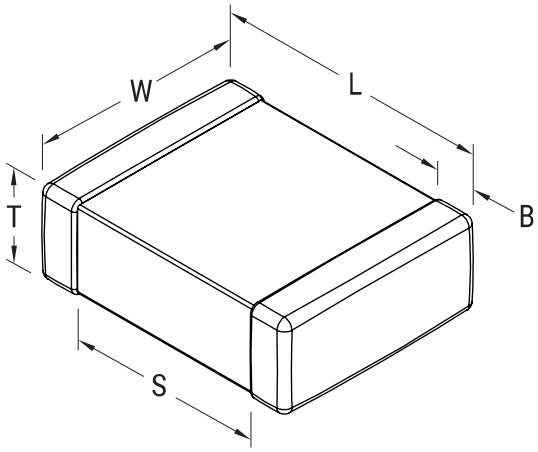
# C1808C104KCRACTU

Aliases (C1808C104KCRAC7800)

SMD Comm X7R HV, Ceramic, 0.1 uF, 10%, 500 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, 1808 / 4520




Click here for the 3D model.

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

| Dimensions | |
|---|---|
| L | 4.7mm +/-0.5mm |
| W | 2mm +/-0.2mm |
| T | 1.4mm +/-0.15mm |
| S | 2.9mm MIN |
| B | 0.6mm +/-0.35mm |
| Case Code (EIA / mm) | 1808 / 4520 |

| Packaging Specifications | |
|---|---|
| Packaging | T&R, 180mm, Plastic Tape |
| Packaging Quantity | 1000 |

| Specifications | |
|---|---|
| Capacitance | 0.1 uF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Tolerance | 10% |
| Voltage DC | 500 VDC |
| Dielectric Withstanding Voltage | 750 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 | 1 GOhms |

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