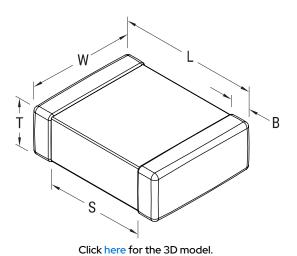


C1808C560JGRACTU

Specifications

Insulation Resistance

Aliases (C1808C560JGRAC7800) SMD Comm X7R HV, Ceramic, 56 pF, 5%, 2,000 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, 1808, 2.9 mm



| 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 |
| AEC-Q200 | No |
| Typical Component Weight | 100 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Dimensions | |
|------------|-----------------|
| Chip Size | 1808 |
| L | 4.7mm +/-0.5mm |
| W | 2mm +/-0.2mm |
| Т | 1.6mm +/-0.15mm |
| S | 2.9mm MIN |
| В | 0.6mm +/-0.35mm |
| | |

| Capacitance | 56 pF |
|--|--|
| Measurement Condition | 1 kHz 1.0Vrms |
| Tolerance | 5% |
| Voltage DC | 2000 VDC |
| Dielectric Withstanding Voltage | 2,400 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 1.0 Vrms |
| Aging Rate | 3% Loss/Decade Hour: Referee Time is 1000 Hours |

100 GOhms

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

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