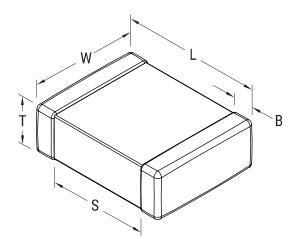


C1812C472KDRAC7210

SMD Comm X7R HV, Ceramic, 4,700 pF, 10%, 1,000 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, 1812, 2.3 mm



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 |
| AEC-Q200 | No |
| Typical Component Weight | 95 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Specifications | |
|--|--|
| Capacitance | 4,700 pF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Tolerance | 10% |
| Voltage DC | 1000 VDC |
| Dielectric Withstanding Voltage | 1,200 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%1kHz1.0Vrms |
| Aging Rate | 3% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance | 100 GOhms |

 Dimensions

 Chip Size
 1812

 L
 4.5mm +/-0.3mm

 W
 3.2mm +/-0.3mm

 T
 1.4mm +/-0.15mm

 S
 2.3mm MIN

 B
 0.6mm +/-0.35mm

Packaging Specifications

| Packaging T&R, 3 | 30mm, Plastic Tape |
|-------------------------|--------------------|
| Packaging Quantity 4000 | |

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