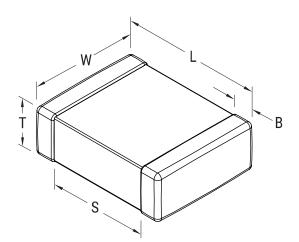


C1825C222KHRACTU

Aliases (C1825C222KHRAC7800) SMD Comm X7R HV, Ceramic, 2,200 pF, 10%, 3,000 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, 1825, 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 | 280 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Specifications | |
|--|--|
| Capacitance | 2,200 pF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Tolerance | 10% |
| Voltage DC | 3000 VDC |
| Dielectric Withstanding Voltage | 3,600 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 |

 Chip Size
 1825

 L
 4.5mm +/-0.3mm

 W
 6.4mm +/-0.4mm

 T
 1.6mm +/-0.20mm

 S
 2.3mm MIN

 B
 0.6mm +/-0.35mm

Packaging Specifications

Dimensions

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

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