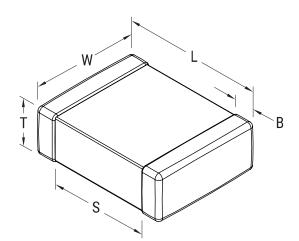


C2225C102KZRACTU

Aliases (C2225C102KZRAC7800) SMD Comm X7R HV, Ceramic, 1,000 pF, 10%, 2,500 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, 2225, 3.2 mm



Click here for the 3D model.

| General Information      |  |
|--------------------------|--|
| Series                   | SMD Comm X7R HV                                |
| Style                    | SMD Chip                                       |
| Description              | SMD, MLCC, High Voltage,<br>Temperature Stable |
| Features                 | High Voltage                                   |
| RoHS                     | Yes  |
| Termination              | Tin  |
| Marking                  | No   |
| AEC-Q200                 | No   |
| Typical Component Weight | 430 mg   |
| Shelf Life               | 78 Weeks                                       |
| MSL                      | 1  |

| Specifications   |  |
|--|--|
| Capacitance  | 1,000 pF   |
| Measurement Condition  | 1 kHz 1.0Vrms                                      |
| Tolerance  | 10%  |
| Voltage DC   | 2500 VDC   |
| Dielectric Withstanding Voltage  | 3,000 VDC  |
| Temperature Range  | -55/+125°C   |
| Temp. Coefficient  | X7R  |
| Capacitance Change with<br>Reference to +25°C and 0 VDC<br>Applied (TCC) | 15%, 1kHz 1.0Vrms                                  |
| Dissipation Factor   | 2.5%1kHz1.0Vrms                                    |
| Aging Rate   | 3% Loss/Decade Hour: Referee<br>Time is 1000 Hours |
| Insulation Resistance  | 100 GOhms  |

 Dimensions

 Chip Size
 2225

 L
 5.6mm +/-0.4mm

 W
 6.4mm +/-0.4mm

 T
 1.6mm +/-0.20mm

 S
 3.2mm MIN

 B
 0.6mm +/-0.35mm

## Packaging Specifications

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

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