

C1206C225K3RECTU

Aliases (C1206C225K3REC7800)

ESD SMD Comm X7R, Ceramic, 2.2 uF, 10%, 25 VDC, X7R, SMD, MLCC, Temperature Stable, Electro Static Discharge, Class II, 1206



Click here for the 3D model.

| Dimensions | | |
|------------|-----------------|--|
| Chip Size | 1206 | |
| L | 3.2mm +/-0.2mm | |
| W | 1.6mm +/-0.2mm | |
| Т | 1.6mm +/-0.20mm | |
| В | 0.5mm +/-0.25mm | |

| Packaging Specifications | |
|--------------------------|--------------------------|
| Packaging | T&R, 180mm, Plastic Tape |
| Packaging Quantity | 2000 |

| General Information | |
|---------------------|--|
| Series | ESD SMD Comm X7R |
| Style | SMD Chip |
| Description | SMD, MLCC, Temperature Stable, Electro Static Discharge, Class II |
| Features | Temperature Stable, Class II |
| RoHS | Yes |
| Termination | Tin |
| Marking | No |
| AEC-Q200 | No |
| Component Weight | 41 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Specifications | |
|---|--|
| Capacitance | 2.2 uF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Capacitance Tolerance | 10% |
| Voltage DC | 25 VDC |
| ESD Level per AEC-Q200 | 25,000 V ESD Level |
| Dielectric Withstanding Voltage | 62.5 VDC |
| Temperature Range | -55/+125°C |
| Temperature Coefficient | X7R |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 15%, 1kHz 1.0Vrms |
| Dissipation Factor | 3.5%1 kHz 1.0Vrms |
| Aging Rate | 3% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance | 227.3 MOhms |

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