

C1206C106Z3VACTU

Aliases (C1206C106Z3VAC7800)

SMD Comm Y5V, Ceramic, 10 uF, -20/+80%, 25 VDC, Y5V, SMD, MLCC, General Purpose, Class III, 1206



Click [here](#) for the 3D model.

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

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

| General Information | |
|--------------------------|---------------------------------------|
| Series | SMD Comm Y5V |
| Style | SMD Chip |
| Description | SMD, MLCC, General Purpose, Class III |
| Features | Class III |
| RoHS | Yes |
| Termination | Tin |
| Marking | No |
| AEC-Q200 | No |
| Typical Component Weight | 41 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Specifications | |
|--|---|
| Capacitance | 10 uF |
| Measurement Condition | 120 Hz 0.5Vrms |
| Capacitance Tolerance | -20/+80% |
| Voltage DC | 25 VDC |
| Dielectric Withstanding Voltage | 62.5 VDC |
| Temperature Range | -30/+85°C |
| Temperature Coefficient | Y5V |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | +22%/-82%, 120Hz 0.5Vrms |
| Dissipation Factor | 7% 120 Hz 0.5Vrms |
| Aging Rate | 7% Loss/Decade Hour: Referee Time is 48 Hours |
| Insulation Resistance | 10 MOhms |

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