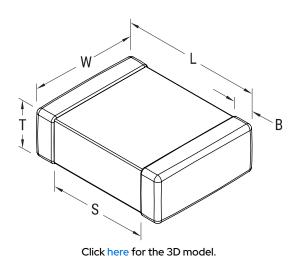# C1812C394G3JACTU

Aliases (C1812C394G3JAC7800)

SMD Comm U2J, Ceramic, 0.39 uF, 2%, 25 VDC, U2J, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 1812, 2.3 mm



Click here for the 3D model.

## General Information

| | |
|---|---|
| Series | SMD Comm U2J |
| Style | SMD Chip |
| Description | SMD, MLCC, Ultra-Stable, Low Loss, Class I |
| Features | Ultra-Stable, Low Loss, Class I |
| RoHS | Yes |
| Termination | Tin |
| Marking | No |
| AEC-Q200 | No |
| Typical Component Weight | 67 mg |
| Shelf Life | 78  Weeks |
| MSL | 1 |

## 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, 180mm, Plastic Tape |
| Packaging Quantity | 1000 |

## Specifications

| | |
|---|---|
| Capacitance | 0.39 uF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Tolerance | 2% |
| Voltage DC | 25 VDC |
| Dielectric Withstanding Voltage | 62.5 VDC |
| Temperature Range | -55/+125°C |
| Temp. Coefficient | U2J |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | -750+/-120 ppm/C, 1kHz 1.0Vrms |
| Dissipation Factor | 0.1% 1 kHz 1.0Vrms |
| Aging Rate | 0.1% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance | 2.5641 GOhms |