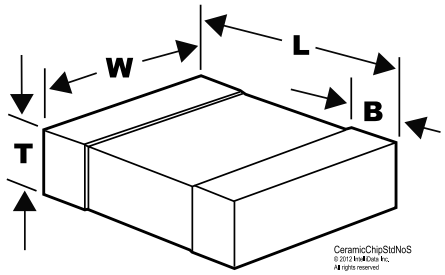
# KEMET Part Number: C1812C394K3JACTU

(C1812C394K3JAC7800)

SMD Comm U2J, Ceramic, 0.39 uF, 10%, 25 V, U2J, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 1812




| General Information | |
|---|---|
| **Supplier:** | KEMET |
| **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 |
| **Failure Rate:** | N/A |
| **Miscellaneous:** | Note: Referee time for U2J dielectric for this part number is 1000 hours |
| **Chip Size:** | 1812 |

| Dimensions | |
|---|---|
| **L** | 4.5mm +/-0.3mm |
| **W** | 3.2mm +/-0.3mm |
| **T** | 1.4mm +/-0.15mm |
| **B** | 0.6mm +/-0.35mm |

| Specifications | |
|---|---|
| **Capacitance:** | 0.39 uF |
| **Capacitance Tolerance:** | 10% |
| **Voltage DC:** | 25 VDC |
| **Dielectric Withstanding Voltage:** | 62.5 V |
| **Temperature Range:** | -55/+125C |
| **Temperature Coefficient:** | U2J |
| **Dissipation Factor:** | 0.1% 1kHz 25C |
| **Aging Rate:** | 0.1% Loss/Decade Hour |
| **Insulation Resistance:** | 2.564 GOhms |

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

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