

KEMET Part Number: C1210C184G5JACTU
(C1210C184G5JAC7800)

SMD Comm U2J, Ceramic, 0.18 uF, 2%, 50 V, U2J, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 1210



Dimensions

| | |
|----------|------------------|
| L | 3.2mm +/-0.2mm |
| W | 2.5mm +/-0.2mm |
| T | 1.25mm +/-0.15mm |
| B | 0.5mm +/-0.25mm |

Packaging Specifications

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|----------------------------|--------------------------|
| Packaging: | T&R, 180mm, Plastic Tape |
| Packaging Quantity: | 2500 |

General Information

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|-----------------------|--|
| 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: | 1210 |

Specifications

| | |
|---|-----------------------|
| Capacitance: | 0.18 uF |
| Capacitance Tolerance: | 2% |
| Voltage DC: | 50 VDC |
| Dielectric Withstanding Voltage: | 125 V |
| Temperature Range: | -55/+125C |
| Temperature Coefficient: | U2J |
| Dissipation Factor: | 0.1% 1kHz 25C |
| Aging Rate: | 0.1% Loss/Decade Hour |
| Insulation Resistance: | 5.556 GOhms |