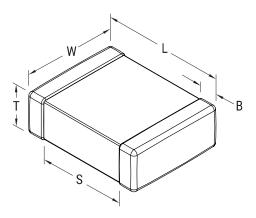
KEMET Part Number: C0805C104Z5UACTU

(C0805C104Z5UAC7800)



SMD Comm Z5U, Ceramic, 0.1 uF, -20/+80%, 50 VDC, Z5U, SMD, MLCC, General Purpose, Class III, 0805



| Dimensions | |
|------------|------------------|
| L | 2mm +/-0.2mm |
| W | 1.25mm +/-0.2mm |
| Т | 0.78mm +/-0.10mm |
| S | 0.75mm MIN |
| В | 0.5mm +/-0.25mm |

| Packaging Specifications | | |
|--------------------------|------------------------|--|
| Packaging: | T&R, 180mm, Paper Tape | |
| Packaging Quantity: | 4000 | |

| General Information | |
|---------------------|--|
| Supplier: | KEMET |
| Series: | SMD Comm Z5U |
| Style: | SMD Chip |
| Description: | SMD, MLCC, General Purpose, Class III |
| Features: | Class III |
| RoHS: | Yes |
| Termination: | Tin |
| Marking: | No |
| Miscellaneous: | Note: Referee time for Z5U dielectric for this part number is 48 hours |
| Chip Size: | 0805 |
| Shelf Life: | 78 Weeks |
| MSL: | 1 |

| Specifications | |
|-------------------------------------|---------------------|
| Capacitance: | 0.1 uF |
| Capacitance Tolerance: | -20/+80% |
| Voltage DC: | 50 VDC |
| Dielectric Withstanding Voltage: | 125 VDC |
| Temperature Range: | +10/+85C |
| Temperature Coefficient: | Z5U |
| Dissipation Factor: | 4.00% 1kHz 25C |
| Aging Rate: | 7% Loss/Decade Hour |
| Insulation Resistance: | 1 GOhms |

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