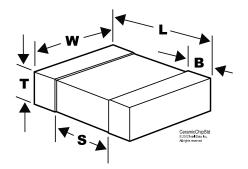
KEMET Part Number: C0805C820G5GACTU

(C0805C820G5GAC7800)



SMD Comm C0G, Ceramic, 82 pF, 2%, 50 V, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 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 C0G |
| 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: KEMET 50V rated parts may be operated at 63 Volts |
| Chip Size: | 0805 |

| Specifications | | |
|-------------------------------------|---------------------|--|
| Capacitance: | 82 pF | |
| Capacitance Tolerance: | 2% | |
| Voltage DC: | 50 VDC | |
| Dielectric Withstanding Voltage: | 125 V | |
| Temperature Range: | -55/+125C | |
| Temperature Coefficient: | COG | |
| Dissipation Factor: | 0.1% 1MHz 25C | |
| Aging Rate: | 0% Loss/Decade Hour | |
| Insulation Resistance: | 100 GOhms | |

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