

KEMET Part Number: C0805C472F5GECTU
(C0805C472F5GEC7800)

ESD SMD Comm C0G, Ceramic, Electro Static Discharge, 4700 pF, 1%, 50 VDC, C0G, SMD, MLCC, Temperature Stable, Electro Static Discharge, Class I, 0805



Dimensions

| Dimension | Value |
|-----------|-----------------|
| L | 2mm +/-0.2mm |
| W | 1.25mm +/-0.2mm |
| T | 0.9mm +/-0.10mm |
| S | 0.75mm MIN |
| B | 0.5mm +/-0.25mm |

Packaging Specifications

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

General Information

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|-----------------------|--|
| Supplier: | KEMET |
| Series: | ESD SMD Comm C0G |
| Style: | SMD Chip |
| Description: | SMD, MLCC, Temperature Stable, Electro Static Discharge, Class I |
| Features: | Temperature Stable, Low ESR, Class I |
| RoHS: | Yes |
| Termination: | Tin |
| Marking: | No |
| Miscellaneous: | Note: KEMET 50V rated parts may be operated at 63 Volts |
| Chip Size: | 0805 |

Specifications

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|---|---------------------|
| Capacitance: | 4700 pF |
| Capacitance Tolerance: | 1% |
| Voltage DC: | 50 VDC |
| ESD Level per AEC-Q200: | 25,000 V ESD Level |
| Dielectric Withstanding Voltage: | 125 V |
| Temperature Range: | -55/+125C |
| Temperature Coefficient: | C0G |
| Dissipation Factor: | 0.10% 1kHz 25C |
| Aging Rate: | 0% Loss/Decade Hour |
| Insulation Resistance: | 100 GOhms |