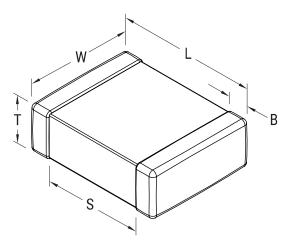


C0805C152KAGECTU

Aliases (C0805C152KAGEC7800)

ESD SMD Comm COG, Ceramic, 1,500 pF, 10%, 250 VDC, COG, SMD, MLCC, Temperature Stable, Electro Static Discharge, Class I, 0805, 0.7 mm



Click here for the 3D model.

| General Information | |
|--------------------------|--|
| Series | ESD SMD Comm COG |
| 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 |
| AEC-Q200 | No |
| Typical Component Weight | 11 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| 0805 |
|------------------|
| 2mm +/-0.2mm |
| 1.25mm +/-0.2mm |
| 0.78mm +/-0.10mm |
| 0.7mm MIN |
| 0.5mm +/-0.25mm |
| |

Packaging Specifications

Packaging Packaging Quantity T&R, 180mm, Paper Tape 4000

| Specifications | |
|--|------------------------|
| Capacitance | 1,500 pF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Tolerance | 10% |
| Voltage DC | 250 VDC |
| ESD Level per AEC-Q200 | 8,000 V ESD Level |
| Dielectric Withstanding Voltage | 625 VDC |
| Temperature Range | -55/+125°C |
| Temp. Coefficient | COG |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 30 ppm/C, 1kHz 1.0Vrms |
| Dissipation Factor | 0.1% 1 kHz 1.0Vrms |
| Aging Rate | 0% Loss/Decade Hour |
| Insulation Resistance | 100 GOhms |
| | |

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