

KEMET Part Number: C0805X473K3GECTU
(C0805X473K3GEC7800)

ESD SMD Comm COG, Ceramic, 0.047 uF, 10%, 25 VDC, COG, SMD, MLCC, Temperature Stable, Electro Static Discharge, Class I, 0805



| Dimensions | |
|------------|------------------|
| Chip Size | 0805 |
| L | 2mm +/-0.3mm |
| W | 1.25mm +/-0.3mm |
| T | 1.25mm +/-0.15mm |
| S | 0.75mm MIN |
| B | 0.5mm +/-0.25mm |

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

| 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: | Flexible Termination |
| Marking: | No |
| AEC-Q200: | No |
| Component Weight: | 14 mg |
| Shelf Life: | 78 Weeks |
| MSL: | 1 |

| Specifications | |
|---|------------------------|
| Capacitance: | 0.047 uF |
| Measurement Condition: | 1 kHz 1.0Vrms |
| Capacitance Tolerance: | 10% |
| Voltage DC: | 25 VDC |
| ESD Level per AEC-Q200: | 25,000 V ESD Level |
| Dielectric Withstanding Voltage: | 62.5 VDC |
| Temperature Range: | -55/+125°C |
| Temperature 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: | 21.2766 GOhms |

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