

SMD Comm X5R, Ceramic, 0.033 uF, 10%, 10 VDC, X5R, SMD, MLCC, Temperature Stable, Automotive Grade, 0402



Dimensions

| Dimensions | |
|------------|-----------------|
| Chip Size | 0402 |
| L | 1mm +/-0.05mm |
| W | 0.5mm +/-0.05mm |
| T | 0.5mm +/-0.05mm |
| S | 0.3mm MIN |
| B | 0.3mm +/-0.1mm |

Packaging Specifications

| | |
|---------------------|------------------------|
| Packaging: | T&R, 180mm, Paper Tape |
| Packaging Quantity: | 10000 |

General Information

| | |
|-----------------|---|
| Series: | SMD Comm X5R |
| Style: | SMD Chip |
| Description: | SMD, MLCC, Temperature Stable, Automotive Grade |
| RoHS: | Yes |
| Termination: | Tin |
| Marking: | No |
| Failure Rate: | N/A |
| Qualifications: | AEC-Q200 |
| AEC-Q200: | Yes |
| Shelf Life: | 78 Weeks |
| MSL: | 1 |

Specifications

| | |
|----------------------------------|---|
| Capacitance: | 0.033 uF |
| Capacitance Tolerance: | 10% |
| Voltage DC: | 10 VDC |
| Dielectric Withstanding Voltage: | 25 VDC |
| Temperature Range: | -55/+85°C |
| Temperature Coefficient: | X5R |
| Dissipation Factor: | 5% |
| Aging Rate: | 4% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance: | 10 GOhms |