

SMD Comm X5R, Ceramic, 1 uF, 10%, 25 VDC, X5R, SMD, MLCC, Temperature Stable, Automotive Grade, 1210



| Dimensions | |
|------------|------------------|
| Chip Size | 1210 |
| L | 3.2mm +/-0.2mm |
| W | 2.5mm +/-0.2mm |
| T | 1.55mm +/-0.15mm |
| B | 0.5mm +/-0.25mm |

| Packaging Specifications | |
|--------------------------|--------------------------|
| Packaging: | T&R, 180mm, Plastic Tape |
| Packaging Quantity: | 2000 |

| General Information | |
|---------------------|---|
| Series: | SMD Comm X5R |
| Style: | SMD Chip |
| Description: | SMD, MLCC, Temperature Stable, Automotive Grade |
| Features: | Temperature Stable, Automotive Grade |
| RoHS: | Yes |
| Termination: | Tin |
| Marking: | No |
| Failure Rate: | N/A |
| Qualifications: | AEC-Q200 |
| AEC-Q200: | Yes |
| Miscellaneous: | Note: Referee time for X5R dielectric for this part number is 1000 hours. |
| Shelf Life: | 78 Weeks |
| MSL: | 1 |

| Specifications | |
|----------------------------------|---------------------|
| Capacitance: | 1 uF |
| Capacitance Tolerance: | 10% |
| Voltage DC: | 25 VDC |
| Dielectric Withstanding Voltage: | 62.5 VDC |
| Temperature Range: | -55/+85°C |
| Temperature Coefficient: | X5R |
| Dissipation Factor: | 5% 1kHz 25C |
| Aging Rate: | 5% Loss/Decade Hour |
| Insulation Resistance: | 100 MOhms |

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