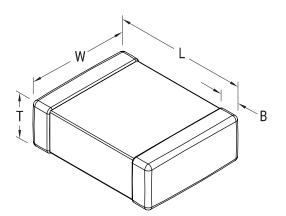
KEMET Part Number: C1206C124KARACAUTO



SMD Auto X7R, Ceramic, 0.12 uF, 10%, 250 VDC, X7R, SMD, MLCC, Temperature Stable, Automotive Grade, 1206



| Dimensions | |
|------------|------------------|
| L | 3.2mm +/-0.2mm |
| W | 1.6mm +/-0.2mm |
| Т | 1.25mm +/-0.15mm |
| В | 0.5mm +/-0.25mm |

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

| General Information | | |
|---------------------|--|--|
| Supplier: | KEMET | |
| Series: | SMD Auto X7R | |
| Style: | SMD Chip | |
| Description: | SMD, MLCC, Temperature Stable, Automotive Grade | |
| Features: | Temperature Stable, Automotive Grade | |
| RoHS: | Yes | |
| Termination: | Tin | |
| Marking: | No | |
| Qualifications: | AEC-Q200 | |
| AEC-Q200: | Yes | |
| Miscellaneous: | Note: Referee time for X7R dielectric for this part number is 1000 hours | |
| Chip Size: | 1206 | |
| Shelf Life: | 78 Weeks | |
| MSL: | 1 | |

| Specifications | | |
|-------------------------------------|---------------------|--|
| Capacitance: | 0.12 uF | |
| Capacitance Tolerance: | 10% | |
| Voltage DC: | 250 VDC | |
| Dielectric Withstanding Voltage: | 625 VDC | |
| Temperature Range: | -55/+125C | |
| Temperature Coefficient: | X7R | |
| Dissipation Factor: | 2.50% 1kHz 25C | |
| Aging Rate: | 3% Loss/Decade Hour | |
| Insulation Resistance: | 833 MOhms | |

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