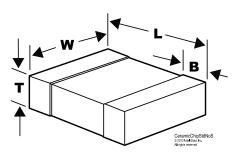
KEMET Part Number: C1210C105K5RACAUTO



Ceramic, AUTO-(CxxxxC-AUTO), 1 uF, 10%, 50 V, 1210, X7R, SMD, MLCC, Temperature Stable, Automotive Grade



| Dimensions | | |
|------------|------------------|--|
| L | 3.2mm +/-0.2mm | |
| W | 2.5mm +/-0.2mm | |
| Т | 1.55mm +/-0.15mm | |
| В | 0.5mm +/-0.25mm | |

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

| General Information | |
|---------------------|--|
| Style: | SMD Chip |
| Series: | AUTO-(CxxxxC-AUTO) |
| Chip Size: | 1210 |
| Description: | SMD, MLCC, Temperature Stable, Automotive Grade |
| Features: | Temperature Stable, Automotive Grade |
| RoHS: | Yes |
| Termination: | Tin |
| Marking: | No |
| Failure Rate: | N/A |
| Approvals: | AEC-Q200 |
| AEC-Q200: | Yes |
| Miscellaneous: | Note: Referee time for X7R dielectric for this part number is 1000 hours |

| Specifications | | |
|-------------------------------------|---------------------|--|
| Capacitance: | 1 uF | |
| Capacitance Tolerance: | 10% | |
| Voltage DC: | 50 VDC | |
| Dielectric Withstanding Voltage: | 125 V | |
| Temperature Range: | -55/+125C | |
| Temperature Coefficient: | X7R | |
| Dissipation Factor: | 2.5% | |
| Aging Rate: | 3% Loss/Decade Hour | |
| Insulation Resistance: | 500 MOhms | |

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