KEMET Part Number: C0402C120J3GACAUTO



Ceramic, AUTO-(CxxxxC-AUTO), 12 pF, 5%, 25 V, 0402, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade



| Dimensions | |
|------------|-----------------|
| L | 1mm +/-0.05mm |
| W | 0.5mm +/-0.05mm |
| Т | 0.5mm +/-0.05mm |
| S | 0.3mm MIN |
| В | 0.3mm +/-0.1mm |

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

| General Information | |
|---------------------|---|
| Style: | SMD Chip |
| Series: | AUTO-(CxxxxC-AUTO) |
| Chip Size: | 0402 |
| Description: | SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade |
| Features: | Ultra-Stable, Low Loss, Automotive Grade |
| RoHS: | Yes |
| Termination: | Tin |
| Marking: | No |
| Failure Rate: | N/A |
| Approvals: | AEC-Q200 |
| AEC-Q200: | Yes |

| Specifications | | |
|--------------------------|---------------------|--|
| Capacitance: | 12 pF | |
| Capacitance Tolerance: | 5% | |
| Voltage DC: | 25 VDC | |
| Temperature Range: | -55/+125C | |
| Temperature Coefficient: | COG | |
| Dissipation Factor: | 0.1% | |
| Aging Rate: | 0% Loss/Decade Hour | |
| Insulation Resistance: | 100 GOhms | |
| Dielectric Strength: | 62.5 V | |

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