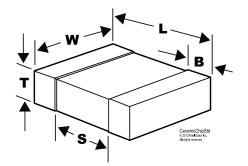
KEMET Part Number: C0603C470J5GACAUTO



Ceramic, AUTO-(CxxxxC-AUTO), 47 pF, 5%, 50 V, 0603, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade



| Dimensions | |
|------------|------------------|
| L | 1.6mm +/-0.15mm |
| W | 0.8mm +/-0.15mm |
| Т | 0.8mm +/-0.07mm |
| S | 0.7mm MIN |
| В | 0.35mm +/-0.15mm |

| Packaging Specifications | | |
|--------------------------|------------------------|--|
| Packaging: | T&R, 180mm, Paper Tape | |
| Packaging Quantity: | 4000 | |

| General Information | |
|---------------------|---|
| Style: | SMD Chip |
| Series: | AUTO-(CxxxxC-AUTO) |
| Chip Size: | 0603 |
| 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 |
| Miscellaneous: | Note: KEMET 50V rated parts may be operated at 63 Volts |

| Specifications | | |
|-------------------------------------|---------------------|--|
| Capacitance: | 47 pF | |
| Capacitance Tolerance: | 5% | |
| Voltage DC: | 50 VDC | |
| Dielectric Withstanding Voltage: | 125 V | |
| Temperature Range: | -55/+125C | |
| Temperature Coefficient: | COG | |
| Dissipation Factor: | 0.1% | |
| Aging Rate: | 0% Loss/Decade Hour | |
| Insulation Resistance: | 100 GOhms | |

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