

C0805X560K8HACAUTO

SMD Auto X8R HT150C Flex, Ceramic, 56 pF, 10%, 10 VDC, X8R, SMD, MLCC, High Temperature, Ultra-Stable, FT-CAP, Automotive Grade, 0805, 0.6 mm



| General Information | |
|--------------------------|---|
| Series | SMD Auto X8R HT150C Flex |
| Style | SMD Chip |
| Description | SMD, MLCC, High Temperature, Ultra-Stable, FT-CAP, Automotive Grade |
| Features | High Temperature, Ultra-Stable, FT-CAP, Automotive Grade |
| RoHS | Yes |
| Termination | Flexible Termination |
| Marking | No |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Typical Component Weight | 13 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| 0805 |
|------------------|
| 2mm +/-0.3mm |
| 1.25mm +/-0.3mm |
| 0.78mm +/-0.20mm |
| 0.6mm MIN |
| 0.5mm +/-0.25mm |
| |

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

| Specifications | |
|--|--|
| Capacitance | 56 pF |
| Measurement Condition | 1 MHz 1.0Vrms |
| Tolerance | 10% |
| Voltage DC | 10 VDC |
| Dielectric Withstanding Voltage | 25 VDC |
| Temperature Range | -55/+150°C |
| Temp. Coefficient | X8R |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 15%, 1MegaHz 1.0Vrms |
| Dissipation Factor | 2.5% 1 MHz 1.0Vrms |
| Aging Rate | 0% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance | 100 GOhms |

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