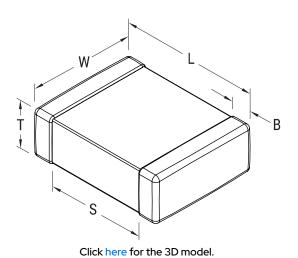




SMD Auto X8G HT150C, Ceramic, 0.068 uF, 10%, 50 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, Automotive Grade, 2220, 3.5 mm



| General Information | | |
|--------------------------|--|--|
| Series | SMD Auto X8G HT150C | |
| Style | SMD Chip | |
| Description | SMD, MLCC, High Temperature, Ultra-Stable, Automotive Grade | |
| Features | High Temperature, Ultra-Stable, Automotive Grade | |
| RoHS | Yes | |
| Termination | Tin | |
| Marking | No | |
| Qualifications | AEC-Q200 | |
| AEC-Q200 | Yes | |
| Typical Component Weight | 130 mg | |
| Shelf Life | 78 Weeks | |
| MSL | 1 | |

| Dimensions | |
|------------|-----------------|
| Chip Size | 2220 |
| L | 5.7mm +/-0.4mm |
| W | 5mm +/-0.4mm |
| Т | 1mm +/-0.15mm |
| S | 3.5mm MIN |
| В | 0.6mm +/-0.35mm |

| W | 5mm +/-0.4mm | |
|--------------------------|-----------------|--|
| T | 1mm +/-0.15mm | |
| S | 3.5mm MIN | |
| В | 0.6mm +/-0.35mm | |
| | | |
| Packaging Specifications | | |

1000

Packaging

Packaging Quantity

| Specifications | |
|--|--|
| Capacitance | 0.068 uF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Tolerance | 10% |
| Voltage DC | 50 VDC |
| Dielectric Withstanding Voltage | 125 VDC |
| Temperature Range | -55/+150°C |
| Temp. Coefficient | X8G |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 30 ppm/C, 1kHz 1.0Vrms |
| Dissipation Factor | 0.1% 1 kHz 1.0Vrms |
| Aging Rate | 0% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance | 14.7059 GOhms |

| riging rate | Time is 1000 |
|-----------------------|--------------|
| Insulation Resistance | 14.7059 GOh |

T&R, 180mm, Plastic Tape

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