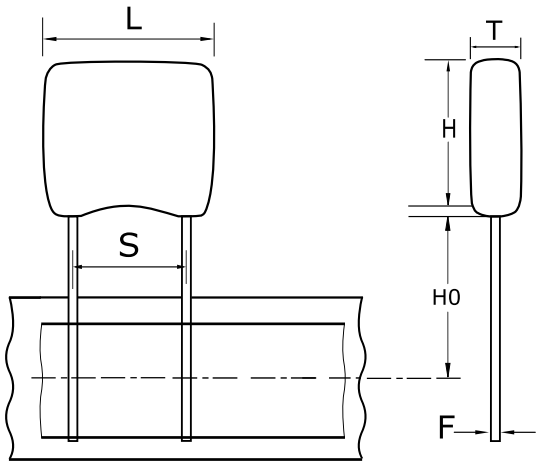
# C320C185K5N5TA91707301

GoldMax 300 Auto X8L HT150C, Ceramic, 1.8 uF, 10%, 50 VDC, X8L, "GoldMax, Automotive Grade", 2.54 mm




Click here for the 3D model.

| General Information | |
|---|---|
| Series | GoldMax 300 Auto X8L HT150C |
| Style | Radial |
| Description | "GoldMax, Automotive Grade" |
| Features | Automotive Grade |
| RoHS | Yes |
| Termination | Tin |
| Failure Rate | N/A |
| Qualifications | AEC-Q200 |
| Halogen Free | Yes |

| Dimensions | |
|---|---|
| L | 5.08mm MAX |
| H | 5.84mm MAX |
| T | 3.18mm MAX |
| S | 2.54mm +/-0.78mm |
| H0 | 16mm +/-0.5mm |
| F | 0.51mm +0.1/-0.025mm |

| Packaging Specifications | |
|---|---|
| Packaging | T&R, 305mm |
| Packaging Quantity | 2500 |

| Specifications | |
|---|---|
| Capacitance | 1.8 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 | X8L |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 15% (-55C to +125C), +15/-40% (125C to 150C), 1kHz 1.0Vrms |
| Dissipation Factor | 2.5% 1 kHz 1.0Vrms |
| Aging Rate | 3% Loss/Decade Hour |
| Insulation Resistance | 555.6 MOhms |

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