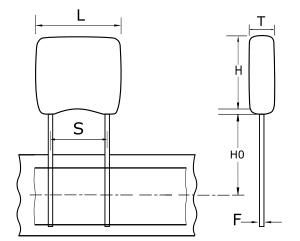


## C320C105K5N5TA7301

GoldMax 300 Comm X8L HT150C, Ceramic, 1 uF, 10%, 50 VDC, X8L, GoldMax, Commercial Standard, 2.54mm



| General Information |                                |
|---------------------|--------------------------------|
| Series              | GoldMax 300 Comm X8L<br>HT150C |
| Style               | Radial                         |
| Description         | GoldMax, Commercial Standard   |
| RoHS                | Yes                            |
| Termination         | Tin                            |
| Lead                | Wire Leads                     |
| Failure Rate        | N/A                            |
| AEC-Q200            | No                             |
| Halogen Free        | true                           |

 Dimensions

 L
 5.08mm MAX

 H
 5.84mm MAX

 T
 3.18mm MAX

 S
 2.54mm +/-0.78mm

 HO
 16mm +/-0.5mm

 F
 0.51mm +0.1/-0.025mm

Click here for the 3D model.

## Packaging Specifications Packaging

PackagingT&R, 305mmPackaging Quantity2500

| Specifications   |                         |
|--|-------------------------|
| Capacitance  | 1uF                     |
| Measurement Condition  | 1 MHz 1.0Vrms           |
| Capacitance Tolerance  | 10%                     |
| Voltage DC   | 50 VDC                  |
| Dielectric Withstanding Voltage  | 125 VDC                 |
| Temperature Range  | -55/+150°C              |
| Temperature Coefficient  | X8L                     |
| Capacitance Change with<br>Reference to +25°C and 0 VDC<br>Applied (TCC) | +15%/-40%, 1kHz 1.0Vrms |
| Dissipation Factor   | 2.5%1MHz1.0Vrms         |
| Aging Rate   | 3% Loss/Decade Hour     |
| Insulation Resistance  | 1 GOhms                 |

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