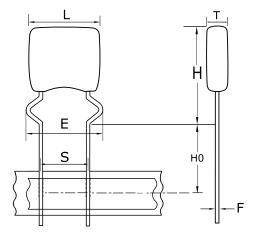


## C316C681K5R5TA7301

GoldMax 300 Comm X7R, Ceramic, 680 pF, 10%, 50 VDC, X7R, GoldMax, Commercial Standard, 2.54 mm



| General Information |                              |
|---------------------|------------------------------|
| Series              | GoldMax 300 Comm X7R         |
| Style               | Radial                       |
| Description         | GoldMax, Commercial Standard |
| RoHS                | Yes                          |
| Termination         | Tin                          |
| Lead                | Crimped Out                  |
| Failure Rate        | N/A                          |
| AEC-Q200            | No                           |
| Halogen Free        | Yes                          |

Click here for the 3D model.

| Dimensions |                      |
|------------|----------------------|
| L          | 3.81mm MAX           |
| н          | 5.84mm MAX           |
| т          | 2.54mm MAX           |
| S          | 2.54mm +/-0.78mm     |
| НО         | 16mm +/-0.5mm        |
| F          | 0.51mm +0.1/-0.025mm |
| E          | 5.08mm NOM           |

## Packaging Specifications Packaging Packaging Quantity

T&R, 305mm 2500

| Specifications   |                     |
|--|---------------------|
| Capacitance  | 680 pF              |
| Measurement Condition  | 1 kHz 1.0Vrms       |
| Tolerance  | 10%                 |
| Voltage DC   | 50 VDC              |
| Dielectric Withstanding Voltage  | 125 VDC             |
| Temperature Range  | -55/+125°C          |
| Temp. Coefficient  | X7R                 |
| Capacitance Change with<br>Reference to +25°C and 0 VDC<br>Applied (TCC) | 0.15, 1kHz 1.0Vrms  |
| Dissipation Factor   | 2.5%1kHz1.0Vrms     |
| Aging Rate   | 3% Loss/Decade Hour |
| Insulation Resistance  | 100 GOhms           |

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