

## C330C681F1G5TA9170

GoldMax 300 Auto COG, Ceramic, 680 pF, 1%, 100 VDC, COG, GoldMax, Automotive Grade, Lead Spacing =  $5.08 \, \mathrm{mm}$ 



Click here for the 3D model.

| Dimensions |                      |
|------------|----------------------|
| L          | 7.11mm MAX           |
| Н          | 9.14mm MAX           |
| Т          | 4.07mm MAX           |
| S          | 5.08mm +/-0.78mm     |
| LL         | 7mm MIN              |
| F          | 0.51mm +0.1/-0.025mm |

| Packaging Specifications |           |  |  |
|--------------------------|-----------|--|--|
| Packaging                | Bulk, Bag |  |  |
| Packaging Quantity       | 250       |  |  |

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

| Specifications   |                          |
|--|--------------------------|
| Capacitance  | 680 pF                   |
| Measurement Condition  | 1 MHz 1.0Vrms            |
| Capacitance Tolerance  | 1%                       |
| Voltage DC   | 100 VDC                  |
| Dielectric Withstanding Voltage                                    | 250 VDC                  |
| Temperature Range  | -55/+125°C               |
| Temperature Coefficient  | COG                      |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 30PPM/C, 1MHz<br>1.0Vrms |
| Dissipation Factor   | 0.1% 1 MHz 1.0Vrms       |
| Aging Rate   | 0% Loss/Decade<br>Hour   |
| Insulation Resistance  | 100 GOhms                |

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