



Click [here](#) for the 3D model.

| Dimensions | |
|------------|----------------------|
| L | 8.38mm MAX |
| H | 10.16mm MAX |
| T | 5.08mm MAX |
| S | 10.16mm +/-0.78mm |
| LL | 7mm MIN |
| F | 0.64mm +0.1/-0.025mm |

| Packaging Specifications | |
|--------------------------|-----------|
| Packaging | Bulk, Bag |
| Packaging Quantity | 50 |

| General Information | |
|---------------------|--|
| Series | GoldMax 300 Comm X7R |
| Style | Radial |
| Description | GoldMax, Commercial Standard |
| RoHS | No |
| Prop 65 | ⚠ WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov . |
| SCIP Number | d4c83dcf-0af3-4f6a-8c42-c840cabd6f5b |
| Termination | Lead (SnPb) |
| Failure Rate | N/A |
| AEC-Q200 | No |
| Halogen Free | Yes |

| Specifications | |
|--|---------------------|
| Capacitance | 1 uF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Capacitance Tolerance | 20% |
| Voltage DC | 100 VDC |
| Dielectric Withstanding Voltage | 250 VDC |
| Temperature Range | -55/+125°C |
| Temperature Coefficient | X7R |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 0.15, 1kHz 1.0Vrms |
| Dissipation Factor | 2.5% 1 kHz 1.0Vrms |
| Aging Rate | 3% Loss/Decade Hour |
| Insulation Resistance | 1 GOhms |

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