



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

General Information

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

Dimensions

| | |
|----|----------------------|
| L | 3.81mm MAX |
| H | 5.08mm MAX |
| T | 2.54mm MAX |
| S | 5.08mm +/-0.78mm |
| H0 | 16mm +/-0.5mm |
| F | 0.51mm +0.1/-0.025mm |

Packaging Specifications

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

Specifications

| | |
|--------------------------------------------------------------------|---------------------|
| Capacitance | 100 pF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Tolerance | 20% |
| Voltage DC | 50 VDC |
| Dielectric Withstanding Voltage | 125 VDC |
| Temperature Range | -55/ +125°C |
| Temp. 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 | 100 GOhms |

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