


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

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

Dimensions

| | |
|----|-------------------|
| L | 5.08mm MAX |
| H | 7.62mm MAX |
| T | 3.18mm MAX |
| S | 5.08mm +/-0.78mm |
| HO | 18mm MIN |
| F | 0.51mm +/-0.025mm |

Packaging Specifications

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

Specifications

| | |
|--|---------------------|
| Capacitance | 0.047 uF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Tolerance | 10% |
| Voltage DC | 100 VDC |
| Dielectric Withstanding Voltage | 250 VDC |
| Temperature Range | -55/+125°C |
| Temp. Coefficient | X7R |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 0.15, 1 kHz 1.0Vrms |
| Dissipation Factor | 2.5% 1 kHz 1.0Vrms |
| Aging Rate | 3% Loss/Decade Hour |
| Insulation Resistance | 21.28 GOhms |

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