



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

General Information

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| Series | GoldMax 300 Comm X7R HV |
| Style | Radial |
| Description | GoldMax, Commercial Standard |
| RoHS | No |
| Prop 65 | WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov/ |
| Termination | Lead (SnPb) |
| Lead | Crimped Out |
| Failure Rate | N/A |
| AEC-Q200 | No |
| Halogen Free | true |

Specifications

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|--|---|
| Capacitance | 2700 pF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Capacitance Tolerance | 10% |
| Voltage DC | 2500 VDC |
| Dielectric Withstanding Voltage | 3000 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: Referee Time is 1000 Hours |
| Insulation Resistance | 100 GOhms |

Dimensions

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|----|----------------------|
| L | 7.62mm MAX |
| H | 11.43mm MAX |
| T | 6.35mm MAX |
| S | 5.08mm +/-0.78mm |
| H0 | 18mm MIN |
| F | 0.51mm +0.1/-0.025mm |
| E | 7.62mm NOM |

Packaging Specifications

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|--------------------|------------|
| Packaging | T&R, 305mm |
| Packaging Quantity | 1500 |