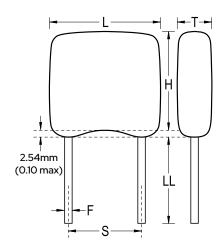


General Information

Series



GoldMax 600 Comm X7R HV, Ceramic, 0.1 uF, -20/+80%, 3,000 VDC, X7R, GoldMax, Commercial Standard, 17.14 mm



| Style | Radial |
|--------------|------------------------------|
| Description | GoldMax, Commercial Standard |
| RoHS | With Exemptions |
| REACH | SVHC (Pb - CAS 7439-92-1) |
| Termination | Tin |
| Lead | Wire Leads |
| Failure Rate | N/A |
| AEC-Q200 | No |
| Halogen Free | Yes |

GoldMax 600 Comm X7R HV

Click here for the 3D model.

| Dimensions | |
|------------|-------------|
| L | 19.56mm MAX |
| Н | 18.29mm MAX |
| Т | 6.89mm MAX |
| S | 17.14mm NOM |
| LL | 7mm MIN |
| F | 0.64mm NOM |

| Packaging Specifications | |
|--------------------------|-----------|
| Packaging | Bulk, Bag |
| Packaging Quantity | 25 |

| Specifications | |
|--|--|
| Capacitance | 0.1 uF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Tolerance | -20/+80% |
| Voltage DC | 3000 VDC |
| Dielectric Withstanding Voltage | 3,600 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: Referee Time is 1000 Hours |
| Insulation Resistance | 10 GOhms |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

Generated 09/10/2025 © 2006 - 2025 YAGEO