



GoldMax 300 Comm X7R, Ceramic, 6800 pF, 10%, 50 VDC, X7R, GoldMax, Commercial Standard, Lead Spacing = 5.08mm



Click here for the 3D model.

| Dimensions | |
|------------|----------------------|
| L | 3.81mm MAX |
| Н | 5.08mm MAX |
| Т | 2.54mm MAX |
| S | 5.08mm +/-0.78mm |
| LL | 7mm MIN |
| F | 0.51mm +0.1/-0.025mm |

Packaging Specifications

| Packaging | Bulk, Bag |
|--------------------|-----------|
| Packaging Quantity | 500 |

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

| Specifications | |
|--|------------------------|
| Capacitance | 6800 pF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Capacitance Tolerance | 10% |
| Voltage DC | 50 VDC |
| Dielectric Withstanding Voltage | 125 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%1kHz1.0Vrms |
| Aging Rate | 3% Loss/Decade Hour |
| Insulation Resistance | 100 GOhms |

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