

GoldMax 300 Comm X7R, Ceramic, 0.1 uF, 10%, 50 VDC, X7R, GoldMax, Commercial Standard, Lead Spacing = 5.08mm



**Dimensions**

|           |                      |
|-----------|----------------------|
| <b>L</b>  | 5.08mm MAX           |
| <b>H</b>  | 6.6mm MAX            |
| <b>T</b>  | 3.18mm MAX           |
| <b>S</b>  | 5.08mm +/-0.78mm     |
| <b>HO</b> | 16mm +/-0.5mm        |
| <b>F</b>  | 0.51mm +0.1/-0.025mm |

**Packaging Specifications**

|                            |      |
|----------------------------|------|
| <b>Packaging:</b>          | Ammo |
| <b>Packaging Quantity:</b> | 2500 |

**General Information**

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

**Specifications**

|  |                     |
|--|---------------------|
| <b>Capacitance:</b>  | 0.1 uF              |
| <b>Measurement Condition:</b>  | 1 kHz 1.0Vrms       |
| <b>Capacitance Tolerance:</b>  | 10%                 |
| <b>Voltage DC:</b>   | 50 VDC              |
| <b>Dielectric Withstanding Voltage:</b>                                    | 125 VDC             |
| <b>Temperature Range:</b>  | -55/+125°C          |
| <b>Temperature Coefficient:</b>  | X7R                 |
| <b>Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):</b> | 0.15, 1kHz 1.0Vrms  |
| <b>Dissipation Factor:</b>   | 2.5% 1 kHz 1.0Vrms  |
| <b>Aging Rate:</b>   | 3% Loss/Decade Hour |
| <b>Insulation Resistance:</b>  | 10 GOhms            |

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