

GoldMax 300 Comm X7R HV, Ceramic, 0.018 uF, 10%, 2000 VDC, X7R, GoldMax, Commercial Standard, Lead Spacing = 5.08mm



**Dimensions**

|           |                      |
|-----------|----------------------|
| <b>L</b>  | 7.62mm MAX           |
| <b>H</b>  | 9.14mm MAX           |
| <b>T</b>  | 5.08mm MAX           |
| <b>S</b>  | 5.08mm +/-0.78mm     |
| <b>LL</b> | 7mm MIN              |
| <b>F</b>  | 0.51mm +0.1/-0.025mm |

**Packaging Specifications**

|                            |           |
|----------------------------|-----------|
| <b>Packaging:</b>          | Bulk, Bag |
| <b>Packaging Quantity:</b> | 250       |

**General Information**

|                      |                              |
|----------------------|------------------------------|
| <b>Supplier:</b>     | KEMET                        |
| <b>Series:</b>       | GoldMax 300 Comm X7R HV      |
| <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>Halogen Free:</b> | Yes                          |

**Specifications**

|   |                     |
|---|---------------------|
| <b>Capacitance:</b>                     | 0.018 uF            |
| <b>Capacitance Tolerance:</b>           | 10%                 |
| <b>Voltage DC:</b>                      | 2000 VDC            |
| <b>Dielectric Withstanding Voltage:</b> | 2400 VDC            |
| <b>Temperature Range:</b>               | -55/+125C           |
| <b>Temperature Coefficient:</b>         | X7R                 |
| <b>Dissipation Factor:</b>              | 2.50% 25C           |
| <b>Aging Rate:</b>                      | 3% Loss/Decade Hour |
| <b>Insulation Resistance:</b>           | 55.56 GOhms         |