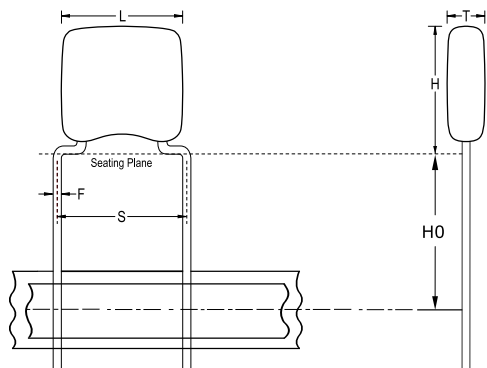


GoldMax 300 Comm X7R HV, Ceramic, 8200 pF, 10%, 630 VDC, X7R, GoldMax, Commercial Standard, Lead Spacing = 5.08mm



### Dimensions

<b>L</b>	3.81mm MAX
<b>H</b>	5.08mm MAX
<b>T</b>	3.14mm 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>	T&R, 305mm
<b>Packaging Quantity:</b>	2500

### General Information

<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>AEC-Q200:</b>	No
<b>Halogen Free:</b>	Yes

### Specifications

<b>Capacitance:</b>	8200 pF
<b>Measurement Condition:</b>	1 kHz 1.0Vrms
<b>Capacitance Tolerance:</b>	10%
<b>Voltage DC:</b>	630 VDC
<b>Dielectric Withstanding Voltage:</b>	945 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: Referee Time is 1000 Hours
<b>Insulation Resistance:</b>	100 GOhms