



Click [here](#) for the 3D model.

### Dimensions

L	5.08mm MAX
H	5.84mm MAX
T	3.81mm MAX
S	2.54mm +/-0.78mm
HO	16mm +/-0.5mm
F	0.51mm +0.1/-0.025mm

### Packaging Specifications

Packaging	T&R, 305mm
Packaging Quantity	2500

### General Information

Series	GoldMax 300 Comm X7R HV
Style	Radial
Description	GoldMax, Commercial Standard
RoHS	No
Prop 65	<b>⚠ WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">http://www.p65warnings.ca.gov</a> .
Termination	Lead (SnPb)
Failure Rate	N/A
AEC-Q200	No
Halogen Free	Yes

### Specifications

Capacitance	0.047 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	5%
Voltage DC	630 VDC
Dielectric Withstanding Voltage	945 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% 1kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	2.1277 GOhms