



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

General Information

Series	GoldMax 300 Comm X7R HV
Style	Radial
Description	GoldMax, Commercial Standard
RoHS	Yes
Termination	Tin
Lead	Wire Leads
Failure Rate	N/A
AEC-Q200	No
Halogen Free	Yes

Specifications

Capacitance	0.1 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	1500 VDC
Dielectric Withstanding Voltage	1,800 VDC
Temperature Range	-55/+125°C
Temp. 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	10 GOhms

Dimensions

L	12.7mm MAX
H	14.22mm MAX
T	6.85mm MAX
S	10.16mm +/-0.78mm
H0	18mm MIN
F	0.64mm +0.1/-0.025mm

Packaging Specifications

Packaging	T&R, 305mm
Packaging Quantity	500