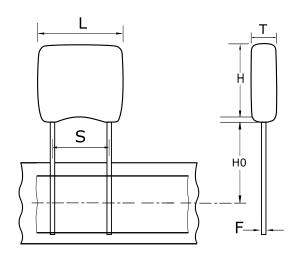


General Information



GoldMax 300 Auto X8R HT150C, Ceramic, 8.2 pF, +/-0.5 pF, 50 VDC, X8R, GoldMax, Automotive Grade, 2.54mm



Click here for the 3D model.

Series	GoldMax 300 Auto X8R HT150C
Style	Radial
Description	GoldMax, Automotive Grade
Features	Automotive Grade
RoHS	Yes
Termination	Tin
Lead	Wire Leads
Failure Rate	N/A
Qualifications	AEC-Q200
AEC-Q200	Yes
Halogen Free	true

Dimensions	
L	3.81mm MAX
Н	3.14mm MAX
Т	2.54mm MAX
S	2.54mm +/-0.78mm
НО	16mm +/-0.5mm
F	0.51mm +0.1/-0.025mm

Packaging Specifications	
Packaging	T&R, 305mm
Packaging Quantity	2500

Specifications	
Capacitance	8.2 pF
Measurement Condition	1 MHz 1.0Vrms
Capacitance Tolerance	+/-0.5 pF
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 VDC
Temperature Range	-55/+150°C
Temperature Coefficient	X8R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	+15%/-40%, 1MHz 1.0Vrms
Dissipation Factor	2.5% 1 MHz 1.0 Vrms
Aging Rate	3% Loss/Decade Hour
Insulation Resistance	100 GOhms

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