

GoldMax 300 Comm X7R, Ceramic, 6.8 uF, 10%, 50 VDC, X7R, GoldMax, Commercial Standard, Lead Spacing = 10.16mm



General Information	
Series:	GoldMax 300 Comm X7R
Style:	Radial
Description:	GoldMax, Commercial Standard
RoHS:	Yes
Termination:	Tin
Failure Rate:	N/A
AEC-Q200:	No
Halogen Free:	Yes

Dimensions	
L	8.38mm MAX
H	10.16mm MAX
T	5.08mm MAX
S	10.16mm +/-0.78mm
LL	7mm
F	0.64mm +0.1/-0.025mm

Specifications	
Capacitance:	6.8 uF
Measurement Condition:	1 kHz 1.0Vrms
Capacitance Tolerance:	10%
Voltage DC:	50 VDC
Dielectric Withstanding Voltage:	125 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% 1 kHz 1.0Vrms
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	70 MOhms

Packaging Specifications	
Packaging:	Bulk, Bag
Packaging Quantity:	50

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