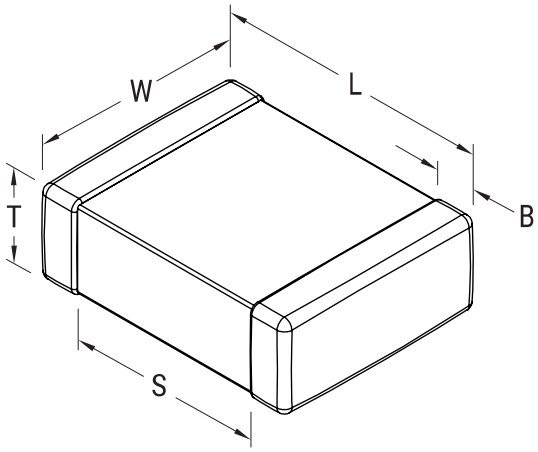
C0603C104K8NACTM

Aliases (C0603C104K8NAC7013)

SMD Comm X8L HT150C, Ceramic, 0.1 uF, 10%, 10 VDC, X8L, SMD, MLCC, High Temperature, Temperature Stable, 0603 / 1608



Click here for the 3D model.

General Information	
Series	SMD Comm X8L HT150C
Style	SMD Chip
Description	SMD, MLCC, High Temperature, Temperature Stable
Features	High Temperature, Temperature Stable
RoHS	Yes
Termination	Tin
Marking	Yes
Typical Component Weight	4.8 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
L	1.6mm +/-0.15mm
W	0.8mm +/-0.15mm
T	0.8mm +/-0.07mm
S	0.5mm MIN
B	0.35mm +/-0.15mm
Case Code (EIA / mm)	0603 / 1608

Packaging Specifications	
Packaging	T&R, 180mm, Paper Tape
Packaging Quantity	4000

Specifications	
Capacitance	0.1 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	10 VDC
Dielectric Withstanding Voltage	25 VDC
Temperature Range	-55/+150°C
Temp. Coefficient	X8L
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	+15%/-40%, 1kHz 1.0Vrms
Dissipation Factor	3.5% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	5 GOhms

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