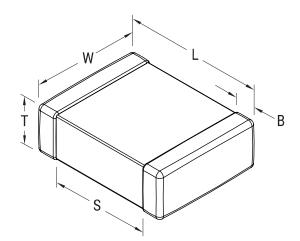


## C0603X510MATAC7411

SMD Comm X8G HT150C Flex, Ceramic, 51 pF, 20%, 250 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, 0603, 0.4 mm



Click here for the 3D model.

General Information	
Series	SMD Comm X8G HT150C Flex
Style	SMD Chip
Description	SMD, MLCC, High Temperature, Ultra-Stable
Features	High Temperature, Ultra-Stable
RoHS	Yes
Termination	Flexible Termination
Marking	No
AEC-Q200	No
Typical Component Weight	4.6 mg
Shelf Life	78 Weeks
MSL	1

Dimensions		S
Chip Size	0603	С
L	1.6mm +/-0.17mm	Μ
W	0.8mm +/-0.15mm	Т
т	0.8mm +/-0.15mm	V
S	0.4mm MIN	D
В	0.45mm +/-0.15mm	Т
		т

## **Packaging Specifications** Packaging Packaging Quantity

> T&R, 330mm, Paper Tape 15000

Specifications	
Capacitance	51 pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	20%
Voltage DC	250 VDC
Dielectric Withstanding Voltage	625 VDC
Temperature Range	-55/+150°C
Temp. Coefficient	X8G
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1MegaHz 1.0Vrms
Dissipation Factor	0.1% 1 MHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

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