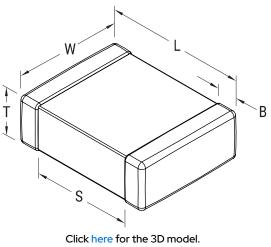




YAGEO & KEMET



	General Information	
В	Series	SMD Comm X8G HT150C
	Style	SMD Chip
	Description	SMD, MLCC, High Temperature, Ultra-Stable
	Features	High Temperature, Ultra-Stable
	RoHS	Yes
	Termination	Tin
	Marking	No
	AEC-Q200	No
	Typical Component Weight	3.7 mg
	Shelf Life	78 Weeks
	MSL	1

Dimensions	
Chip Size	0603
L	1.6mm +/-0.15mm
W	0.8mm +/-0.15mm
Т	0.8mm +/-0.07mm
S	0.5mm MIN
В	0.35mm +/-0.15mm
S	0.5mm MIN

Packaging Specifications	
Packaging	T&R, 330mm, Paper Tape
Packaging Quantity	15000

Specifications	
Capacitance	0.012 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	1%
Voltage DC	16 VDC
Dielectric Withstanding Voltage	40 VDC
Temperature Range	-55/+150°C
Temp. Coefficient	X8G
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1kHz 1.0Vrms
Dissipation Factor	0.1% 1 kHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	83.3333 GOhms

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