

C0603H180J5GACT500

General Information

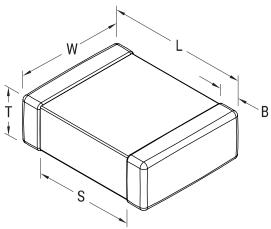
Series Style

SMD Indust COG HT200C, Ceramic, 18 pF, 5%, 50 VDC, COG, SMD, MLCC, High Temperature, Ultra-Stable, Low Loss, 0603, 0.5 mm

SMD Indust COG HT200C

SMD Chip





imensions	Specifications	
	MSL	1
Click here for the 3D model.	Shelf Life	78 Weeks
	Typical Component Weight	3.7 mg
	AEC-Q200	No
	Marking	No
	Termination	Tin
	RoHS	Yes
	Features	High Temp, Ultra-Stable, Low Loss
	Description	SMD, MLCC, High Temperature, Ultra-Stable, Low Loss

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	

Packaging Specifications		
Packaging	Cut Reel	
Packaging Quantity	500	

Specifications	
Capacitance	18 pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	5%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 VDC
Temperature Range	-55/+200°C
Temp. Coefficient	COG
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
Insulation Resistance	100 GOhms

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