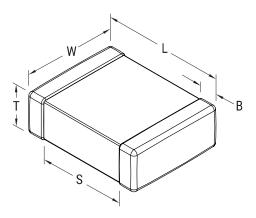
## **KEMET Part Number: C0805C153K1TACAUTO**



SMD Auto X8G HT150C, Ceramic, 0.015 uF, 10%, 100 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, Automotive Grade, 0805



Dimensions		
Chip Size	0805	
L	2mm +/-0.2mm	
W	1.25mm +/-0.2mm	
Т	1.25mm +/-0.15mm	
S	0.75mm MIN	
В	0.5mm +/-0.25mm	

Packaging Specifications		
Packaging:	T&R, 180mm, Plastic Tape	
Packaging Quantity:	2500	

General Information		
Series:	SMD Auto X8G HT150C	
Style:	SMD Chip	
Description:	SMD, MLCC, High Temperature, Ultra-Stable, Automotive Grade	
Features:	High Temperature, Ultra-Stable, Automotive Grade	
RoHS:	Yes	
Termination:	Tin	
Marking:	No	
Qualifications:	AEC-Q200	
AEC-Q200:	Yes	
Component Weight:	21 mg	
Shelf Life:	78 Weeks	
MSL:	1	

Specifications	
Capacitance:	0.015 uF
Measurement Condition:	1 kHz 1.0Vrms
Capacitance Tolerance:	10%
Voltage DC:	100 VDC
Dielectric Withstanding Voltage:	250 VDC
Temperature Range:	-55/+150°C
Temperature 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:	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance:	66.6667 GOhms

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