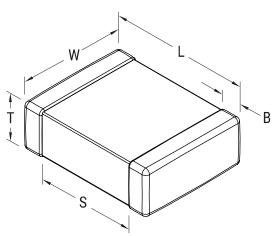


C0805X681K5RACAUTO

SMD Auto X7R Flex, Ceramic, $680\,\mathrm{pF}$, 10%, $50\,\mathrm{VDC}$, X7R, SMD, MLCC, FTCAP, Automotive Grade, 0805, $0.6\,\mathrm{mm}$





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General Information				
Series	SMD Auto X7R Flex			
Style	SMD Chip			
Description	SMD, MLCC, FT-CAP, Automotive Grade			
Features	FT-CAP, Automotive Grade			
RoHS	Yes			
Termination	Flexible Termination			
Marking	No			
Qualifications	AEC-Q200			
AEC-Q200	Yes			
Typical Component Weight	13 mg			
Shelf Life	78 Weeks			
MSL	1			

Dimensions					
Chip Size	0805				
L	2mm +/-0.3mm				
W	1.25mm +/-0.3mm				
T	0.78mm +/-0.20mm				
S	0.6mm MIN				
В	0.5mm +/-0.25mm				
T S	1.25mm +/-0.3mm 0.78mm +/-0.20mm 0.6mm MIN				

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

Specifications	
Capacitance	680 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1kHz 1.0Vrms
Dissipation Factor	2.5% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

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