

**KEMET Part Number: C0805C103K5RACAUTO**  
(0805C103K5RACAUTO)



Ceramic, Commercial Grade, KEMET, AUTO-(CxxxxC-AUTO), 0.01 uF, 10%, 50 V, 0805, X7R, SMD, MLCC, Temperature Stable, Automotive Grade



Dimensions	
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
T	0.78mm +/-0.10mm
S	0.75mm MIN
B	0.5mm +/-0.25mm

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

General Information	
Style:	SMD Chip
Supplier:	KEMET
Series:	AUTO-(CxxxxC-AUTO)
Chip Size:	0805
Description:	SMD, MLCC, Temperature Stable, Automotive Grade
RoHS:	Yes
Termination:	Tin
Marking:	No
Failure Rate:	N/A
AEC-Q200:	Yes
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours

Specifications	
Capacitance:	0.01 uF
Capacitance Tolerance:	10%
Voltage DC:	50 VDC
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	2.5%
Aging Rate:	3% Loss/Decade Hour
Dielectric Strength:	125 V

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