

**KEMET Part Number: C0805C225K4RACAUTO**  
(0805C225K4RACAUTO)



Ceramic, Commercial Grade, KEMET, AUTO-(CxxxxC-AUTO), 2.2 uF, 10%, 16 V, 0805, X7R, SMD, MLCC, Temperature Stable, Automotive Grade



Dimensions	
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
T	1.25mm +/-0.15mm
S	0.75mm MIN
B	0.5mm +/-0.25mm

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

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:	2.2 uF
Capacitance Tolerance:	10%
Voltage DC:	16 VDC
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	3.5%
Aging Rate:	3% Loss/Decade Hour
Dielectric Strength:	40 V

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