

KEMET Part Number: C1812C335K1RACAUTO
(1812C335K1RACAUTO)

Ceramic, KEMET, AUTO-(CxxxxC-AUTO), 3.3 uF, 10%, 100 V, 1812, X7R, SMD, MLCC, Temperature Stable, Automotive Grade



Dimensions

L	4.5mm +/-0.3mm
W	3.2mm +/-0.3mm
T	1.9mm +/-0.20mm
B	0.6mm +/-0.35mm

Packaging Specifications

Packaging:	T&R, 180mm, Plastic Tape
Packaging Quantity:	500

General Information

Style:	SMD Chip
Supplier:	KEMET
Series:	AUTO-(CxxxxC-AUTO)
Chip Size:	1812
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:	3.3 uF
Capacitance Tolerance:	10%
Voltage DC:	100 VDC
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	2.5%
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	150 MOhms
Dielectric Strength:	250 V