

Ceramic, AUTO-(CxxxxC-AUTO), 1000 pF, 10%, 1,000 V, 1808, X7R, SMD, MLCC, High Voltage, Temperature Stable, Automotive Grade



#### Dimensions

L	4.7mm +/-0.5mm
W	2mm +/-0.2mm
T	1.6mm +/-0.15mm
B	0.6mm +/-0.35mm

#### Packaging Specifications

Packaging:	T&R, 180mm, Plastic Tape
Packaging Quantity:	1000

#### General Information

Style:	SMD Chip
Series:	AUTO-(CxxxxC-AUTO)
Chip Size:	1808
Description:	SMD, MLCC, High Voltage, Temperature Stable, Automotive Grade
Features:	High Voltage, Temp Stable, Automotive Grade
RoHS:	Yes
Termination:	Tin
Marking:	No
Failure Rate:	N/A
Approvals:	AEC-Q200
AEC-Q200:	Yes
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours

#### Specifications

Capacitance:	1000 pF
Capacitance Tolerance:	10%
Voltage DC:	1000 VDC
Dielectric Withstanding Voltage:	1,200 V
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	2.5%
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	100 GOhms