

SMD Auto X7R, Ceramic, 0.22 uF, 10%, 100 VDC, X7R, SMD, MLCC, Temperature Stable, Automotive Grade, 1206



#### Dimensions

<b>L</b>	3.2mm +/-0.2mm
<b>W</b>	1.6mm +/-0.2mm
<b>T</b>	0.9mm +/-0.10mm
<b>B</b>	0.5mm +/-0.25mm

#### Packaging Specifications

<b>Packaging:</b>	T&R, 180mm, Plastic Tape
<b>Packaging Quantity:</b>	4000

#### General Information

<b>Supplier:</b>	KEMET
<b>Series:</b>	SMD Auto X7R
<b>Style:</b>	SMD Chip
<b>Description:</b>	SMD, MLCC, Temperature Stable, Automotive Grade
<b>Features:</b>	Temperature Stable, Automotive Grade
<b>RoHS:</b>	Yes
<b>Termination:</b>	Tin
<b>Marking:</b>	No
<b>Qualifications:</b>	AEC-Q200
<b>AEC-Q200:</b>	Yes
<b>Miscellaneous:</b>	Note: Referee time for X7R dielectric for this part number is 1000 hours
<b>Chip Size:</b>	1206
<b>Shelf Life:</b>	78 Weeks
<b>MSL:</b>	1

#### Specifications

<b>Capacitance:</b>	0.22 uF
<b>Capacitance Tolerance:</b>	10%
<b>Voltage DC:</b>	100 VDC
<b>Dielectric Withstanding Voltage:</b>	250 V
<b>Temperature Range:</b>	-55/+125C
<b>Temperature Coefficient:</b>	X7R
<b>Dissipation Factor:</b>	2.50% 1kHz 25C
<b>Aging Rate:</b>	3% Loss/Decade Hour
<b>Insulation Resistance:</b>	4.545 GOhms