

**KEMET Part Number: C1206C225K5RALTU**  
(C1206C225K5RAL7800)

SMD Comm X7R SnPb, Ceramic, 2.2 uF, 10%, 50 VDC, X7R, SMD, MLCC, Temperature Stable, SnPb Termination, 1206



Dimensions	
<b>L</b>	3.2mm +/-0.2mm
<b>W</b>	1.6mm +/-0.2mm
<b>T</b>	1.6mm +/-0.20mm
<b>B</b>	0.5mm +/-0.25mm

Packaging Specifications	
<b>Packaging:</b>	T&R, 180mm, Plastic Tape
<b>Packaging Quantity:</b>	2000

General Information	
<b>Supplier:</b>	KEMET
<b>Series:</b>	SMD Comm X7R SnPb
<b>Style:</b>	SMD Chip
<b>Description:</b>	SMD, MLCC, Temperature Stable, SnPb Termination
<b>Features:</b>	SnPb Termination
<b>RoHS:</b>	No
<b>Prop 65:</b>	<b>⚠ WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>
<b>REACH:</b>	SVHC (Pb – CAS 7439-92-1)
<b>Termination:</b>	Lead (SnPb)
<b>Marking:</b>	No
<b>Miscellaneous:</b>	Note: Referee time for X7R dielectric for this part number is 1000 hours
<b>Chip Size:</b>	1206

Specifications	
<b>Capacitance:</b>	2.2 uF
<b>Capacitance Tolerance:</b>	10%
<b>Voltage DC:</b>	50 VDC
<b>Dielectric Withstanding Voltage:</b>	125 V
<b>Temperature Range:</b>	-55/+125C
<b>Temperature Coefficient:</b>	X7R
<b>Dissipation Factor:</b>	10.00% 1kHz 25C
<b>Aging Rate:</b>	3% Loss/Decade Hour
<b>Insulation Resistance:</b>	227 MOhms

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