

SMD Auto X7R VW80808, Ceramic, 6800 pF, 10%, 250 VDC, X7R, SMD, MLCC, Automotive Grade, 0805

**Dimensions**

<b>L</b>	2mm +/-0.3mm
<b>W</b>	1.25mm +/-0.3mm
<b>T</b>	0.78mm +/-0.20mm
<b>S</b>	0.75mm MIN
<b>B</b>	0.5mm +/-0.25mm

**Packaging Specifications**

<b>Packaging:</b>	T&R, 178mm, Plastic Tape
<b>Packaging Quantity:</b>	4000

**General Information**

<b>Supplier:</b>	KEMET
<b>Series:</b>	SMD Auto X7R VW80808
<b>Style:</b>	SMD Chip
<b>Description:</b>	SMD, MLCC, Automotive Grade
<b>Features:</b>	VW 80808 Specification Compliant
<b>RoHS:</b>	Yes
<b>Termination:</b>	Tin
<b>Failure Rate:</b>	N/A
<b>Qualifications:</b>	AEC-Q200
<b>AEC-Q200:</b>	Yes
<b>Chip Size:</b>	0805
<b>Shelf Life:</b>	152 Weeks

**Specifications**

<b>Capacitance:</b>	6800 pF
<b>Capacitance Tolerance:</b>	10%
<b>Voltage DC:</b>	250 VDC
<b>Dielectric Withstanding Voltage:</b>	625 VDC
<b>Temperature Range:</b>	-55/+125°C
<b>Temperature Coefficient:</b>	X7R
<b>Dissipation Factor:</b>	2.50% 120Hz 25C
<b>Insulation Resistance:</b>	100 GOhms