

SMD Auto X7R VW80808, Ceramic, 0.1 uF, 5%, 50 VDC, X7R, SMD, MLCC, Automotive Grade, 0805



**General Information**

<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>	Flexible Termination
<b>Failure Rate:</b>	N/A
<b>Qualifications:</b>	AEC-Q200
<b>AEC-Q200:</b>	Yes
<b>Shelf Life:</b>	152 Weeks

**Dimensions**

<b>Chip Size</b>	0805
<b>L</b>	2mm +/-0.3mm
<b>W</b>	1.25mm +/-0.3mm
<b>T</b>	1mm +/-0.20mm
<b>S</b>	0.75mm MIN
<b>B</b>	0.5mm +/-0.25mm

**Packaging Specifications**

<b>Packaging:</b>	T&R, 180mm, Plastic Tape
<b>Packaging Quantity:</b>	2500

**Specifications**

<b>Capacitance:</b>	0.1 uF
<b>Capacitance Tolerance:</b>	5%
<b>Voltage DC:</b>	50 VDC
<b>Dielectric Withstanding Voltage:</b>	125 VDC
<b>Temperature Range:</b>	-55/+125°C
<b>Temperature Coefficient:</b>	X7R
<b>Dissipation Factor:</b>	2.5% 120 Hz 25C
<b>Insulation Resistance:</b>	10 GOhms

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