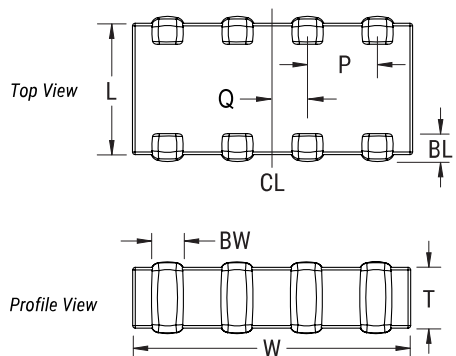


Array Auto X7R Flex, Ceramic, 6800 pF, 20%, 16 VDC, X7R, SMD, MLCC, Array, Flex Termination, Automotive Grade, 0612



Dimensions	
<b>L</b>	1.6mm +/-0.2mm
<b>W</b>	3.2mm +/-0.2mm
<b>T</b>	0.8mm +/-0.10mm
<b>P</b>	0.8mm +/-0.10mm

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

General Information	
<b>Series:</b>	Array Auto X7R Flex
<b>Style:</b>	SMD Array
<b>Description:</b>	SMD, MLCC, Array, Flex Termination, Automotive Grade
<b>Features:</b>	Automotive Grade
<b>RoHS:</b>	Yes
<b>Termination:</b>	Flexible Termination
<b>Qualifications:</b>	AEC-Q200
<b>AEC-Q200:</b>	Yes
<b>Component Weight:</b>	23 mg
<b>Chip Size:</b>	0612
<b>Shelf Life:</b>	78 Weeks
<b>MSL:</b>	1

Specifications	
<b>Capacitance:</b>	6800 pF
<b>Measurement Condition:</b>	1 kHz 1.0Vrms
<b>Capacitance Tolerance:</b>	20%
<b>Voltage DC:</b>	16 VDC
<b>Dielectric Withstanding Voltage:</b>	40 VDC
<b>Temperature Range:</b>	-55/+125°C
<b>Temperature Coefficient:</b>	X7R
<b>Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):</b>	15%, 1kHz 1.0Vrms
<b>Dissipation Factor:</b>	3.5% 1 kHz 1.0Vrms
<b>Aging Rate:</b>	3% Loss/Decade Hour: Referee Time is 1000 Hours
<b>Insulation Resistance:</b>	100 GOhms

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