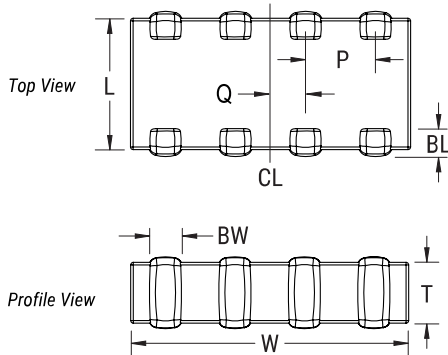


Array Auto X7R Flex, Ceramic, 1000 pF, 10%, 200 VDC, X7R, SMD, MLCC, Array, Flex Termination, Automotive Grade, 0612



| Dimensions | |
|------------|-----------------|
| L | 1.6mm +/-0.2mm |
| W | 3.2mm +/-0.2mm |
| T | 0.8mm +/-0.10mm |
| P | 0.8mm +/-0.10mm |

| Packaging Specifications | |
|----------------------------|------------------------|
| Packaging: | T&R, 180mm, Paper Tape |
| Packaging Quantity: | 4000 |

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

| Specifications | |
|--|---|
| Capacitance: | 1000 pF |
| Measurement Condition: | 1 kHz 1.0Vrms |
| Capacitance Tolerance: | 10% |
| Voltage DC: | 200 VDC |
| Dielectric Withstanding Voltage: | 500 VDC |
| Temperature Range: | -55/+125°C |
| Temperature Coefficient: | X7R |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC): | 15%, 1kHz 1.0Vrms |
| Dissipation Factor: | 2.5% 1 kHz 1.0Vrms |
| Aging Rate: | 3% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance: | 100 GOhms |

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