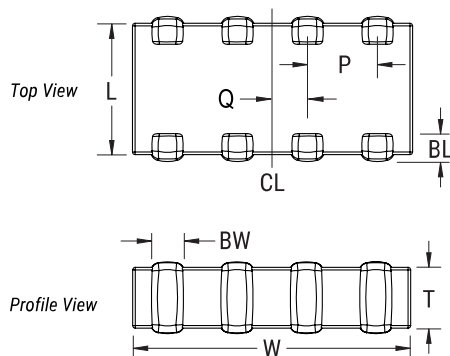


Array Auto X7R Flex, Ceramic, 560 pF, 20%, 10 VDC, X7R, SMD, MLCC, Array, Flex Termination, Automotive Grade, 0612



| 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>  | 560 pF  |
| <b>Measurement Condition:</b>  | 1 kHz 1.0Vrms                                   |
| <b>Capacitance Tolerance:</b>  | 20%   |
| <b>Voltage DC:</b>   | 10 VDC  |
| <b>Dielectric Withstanding Voltage:</b>                                    | 25 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>   | 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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