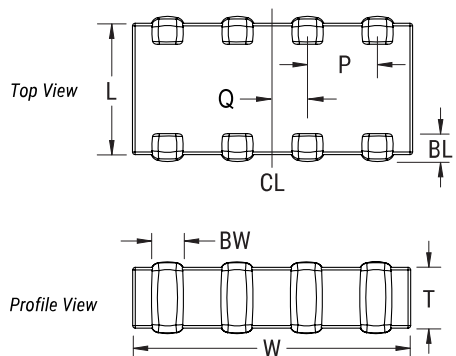


Array Auto X7R Flex, Ceramic, 0.1 uF, 10%, 16 VDC, X7R, SMD, MLCC, Array, Flex Termination, Automotive Grade, 0612



| 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  |
| Chip Size:          | 0612   |
| Shelf Life:         | 78 Weeks   |
| MSL:                | 1  |

| Specifications  |   |
|---|---|
| Capacitance:  | 0.1 uF  |
| Measurement Condition:  | 1 kHz 1.0Vrms                                   |
| Capacitance Tolerance:  | 10%   |
| Voltage DC:   | 16 VDC  |
| Dielectric Withstanding Voltage:                                    | 40 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:   | 3.5% 1kHz 1.0Vrms                               |
| Aging Rate:   | 3% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance:  | 10 GOhms  |

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