



Click [here](#) for the 3D model.

**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   |
| MSL            | 1  |

**Dimensions**

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

**Packaging Specifications**

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

**Specifications**

|                         |                  |
|-------------------------|------------------|
| Capacitance             | 0.047 uF         |
| Capacitance Tolerance   | 10%              |
| Voltage DC              | 10 VDC           |
| Temperature Range       | -55/+125°C       |
| Temperature Coefficient | X7R              |
| Dissipation Factor      | 5% 1 kHz 1.0Vrms |
| Insulation Resistance   | 21.2766 GOhms    |

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