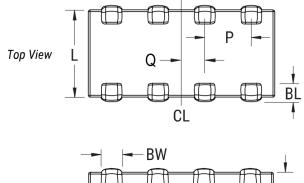


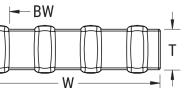
## CA064X392K1RACAUTO

Not for New Design

Array Auto X7R Flex, Ceramic, 3900 pF, 10%, 100 VDC, X7R, SMD, MLCC, Array, Flex Termination, Automotive Grade, 0612



Profile View



Click here for the 3D model.

| Dimensions |                 |
|------------|-----------------|
| L          | 1.6mm +/-0.2mm  |
| W          | 3.2mm +/-0.2mm  |
| т          | 0.8mm +/-0.10mm |
| Р          | 0.8mm +/-0.10mm |

Packaging Packaging Quantity

T&R, 180mm, Paper Tape 4000

| General Information         |   |  |  |
|-----------------------------|---|--|--|
| Series                      | Array Auto X7R Flex                                     |  |  |
| Style                       | SMD Array   |  |  |
| Description                 | SMD, MLCC, Array, Flex Termination,<br>Automotive Grade |  |  |
| Features                    | Automotive Grade  |  |  |
| RoHS                        | Yes   |  |  |
| Termination                 | Flexible Termination                                    |  |  |
| Qualifications              | AEC-Q200  |  |  |
| AEC-Q200                    | Yes   |  |  |
| Typical Component<br>Weight | 23 mg   |  |  |
| Notes                       | Last Time Buy Date (LTB): May 30th,<br>2024.            |  |  |
| Chip Size                   | 0612  |  |  |
| Shelf Life                  | 78 Weeks  |  |  |
| MSL                         | 1   |  |  |

| Specifications  |  |  |  |
|---|--|--|--|
| Capacitance   | 3900 pF  |  |  |
| Measurement Condition   | 1 kHz 1.0Vrms                                      |  |  |
| Capacitance Tolerance   | 10%  |  |  |
| Voltage DC  | 100 VDC  |  |  |
| Dielectric Withstanding Voltage                                       | 250 VDC  |  |  |
| Temperature Range   | -55/+125°C   |  |  |
| Temperature Coefficient   | X7R  |  |  |
| Capacitance Change with Reference<br>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:<br>Referee Time is 1000 Hours |  |  |
| Insulation Resistance   | 100 GOhms  |  |  |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.