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#### General Information

|             |   |
|-------------|---|
| Series      | ARA Indust X7R HT200C                           |
| Description | ARA Indust X7R HT200C with C3 Technology, Axial |
| Features    | High Temperature                                |
| RoHS        | With Exemptions                                 |
| REACH       | SVHC (Pb – CAS 7439-92-1)                       |
| SCIP Number | a54cd522-25fb-4dac-afe5-a404d68708e3            |
| Termination | Gold  |
| AEC-Q200    | No  |

#### Dimensions

|    |                    |
|----|--------------------|
| L  | 4.32mm MAX         |
| W  | 2.03mm MAX         |
| T  | 2.03mm MAX         |
| LL | 31.75mm MIN        |
| F  | 0.508mm +/-0.051mm |

#### Packaging Specifications

|                    |              |
|--------------------|--------------|
| Packaging          | Waffle, Tray |
| Packaging Quantity | 25           |

#### Specifications

|  |                     |
|--|---------------------|
| Capacitance  | 0.01 uF             |
| Tolerance  | 5%                  |
| Voltage DC   | 50 VDC              |
| Dielectric Withstanding Voltage                                    | 125 VDC             |
| Temperature Range  | -55/+200°C          |
| Temp. 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   | 2% Loss/Decade Hour |
| Insulation Resistance  | 100 GOhms           |

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