



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

#### General Information

|             |  |
|-------------|--|
| Series      | ARR Indust X7R HT200C                            |
| Style       | Radial   |
| Description | ARR Indust X7R HT200C with C3 Technology, Radial |
| Features    | High Temperature                                 |
| RoHS        | With Exemptions                                  |
| REACH       | SVHC (Pb – CAS 7439-92-1)                        |
| SCIP Number | f2ec9c71-d741-45f9-8d01-f6de6baf235a             |
| Termination | Gold   |
| Lead        | Wire Leads                                       |
| AEC-Q200    | No   |

#### Specifications

|  |                     |
|--|---------------------|
| Capacitance  | 0.27 uF             |
| Capacitance Tolerance  | 5%                  |
| Voltage DC   | 50 VDC              |
| Dielectric Withstanding Voltage                                    | 125 VDC             |
| Temperature Range  | -55/+200°C          |
| Temperature 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  | 3.7037 GOhms        |

#### Dimensions

|    |                    |
|----|--------------------|
| L  | 7.62mm MAX         |
| W  | 7.62mm MAX         |
| T  | 2.54mm MAX         |
| S  | 5.08mm             |
| LL | 31.75mm MIN        |
| F  | 0.508mm +/-0.051mm |

#### Packaging Specifications

|                    |              |
|--------------------|--------------|
| Packaging          | Waffle, Tray |
| Packaging Quantity | 28           |