



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

General Information

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|-------------|---|
| Series | ARA Indust X7R HT200C |
| Style | Axial Rectangular |
| Description | ARA Indust X7R HT200C with C3 Technology, Axial |
| Features | High Temperature |
| RoHS | With Exemptions |
| REACH | SVHC (Pb – CAS 7439-92-1) |
| Termination | Gold |
| Lead | Wire Leads |
| AEC-Q200 | No |

Dimensions

| | |
|----|--------------------|
| L | 18.29mm MAX |
| W | 9.4mm MAX |
| T | 4.06mm MAX |
| LL | 31.75mm MIN |
| F | 0.635mm +/-0.051mm |

Packaging Specifications

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

Specifications

| | |
|--|---------------------|
| Capacitance | 2.2 uF |
| Capacitance Tolerance | 10% |
| 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 | 454.5455 MOhms |

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