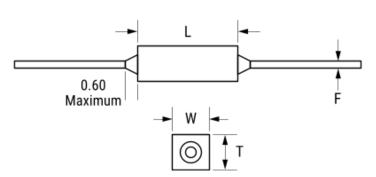


a YAGEO company

## ARA16B102KGS

ARA Indust X7R HT200C, Ceramic, 1000 pF, 10%, 50 VDC, X7R



Click here for the 3D model.

| Dimensions |                    |
|------------|--------------------|
| L          | 4.32mm MAX         |
| W          | 2.03mm MAX         |
| Т          | 2.03mm MAX         |
| LL         | 3.175mm MIN        |
| F          | 0.508mm +/-0.051mm |

| Packaging Specifications |           |  |
|--------------------------|-----------|--|
| Packaging                | Bulk, Bag |  |
| Packaging Quantity       | 1         |  |

| General Information |   |  |  |
|---------------------|---|--|--|
| Series              | ARA Indust X7R HT200C   |  |  |
| RoHS                | No  |  |  |
| Prop 65             | ▲ WARNING: Cancer and reproductive harm –<br>http://www.p65warnings.ca.gov.   |  |  |
| SCIP<br>Number      | a54cd522-25fb-4dac-afe5-a404d68708e3  |  |  |
| Termination         | Gold  |  |  |
| Failure Rate        | N/A   |  |  |
| AEC-Q200            | No  |  |  |
| Notes               | Lead Length Shown Is For Parts Supplied In Bulk, See<br>Packaging Specifications For Lead Lengths When<br>Not Provided In Bulk. |  |  |

| Specifications                  |                     |
|---------------------------------|---------------------|
| Capacitance                     | 1000 pF             |
| Capacitance Tolerance           | 10%                 |
| Voltage DC                      | 50 VDC              |
| Dielectric Withstanding Voltage | 125 VDC             |
| Temperature Range               | -55/+200°C          |
| Temperature Coefficient         | X7R                 |
| Dissipation Factor              | 2.5% 1 kHz 1.0 Vrms |
| Insulation Resistance           | 100 GOhms           |

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