



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

| Dimensions |  |
|------------|--|
| Chip Size  | 0805   |
| L          | 2.01mm +0.3/-0.25mm (0.079 in +0.012/-0.01 in) |
| W          | 1.27mm +0.3/-0.25mm (0.05 in +0.012/-0.01 in)  |
| T          | 1.57mm MAX (0.062 in MAX)                      |
| B          | 0.51mm +/-0.25mm (0.02 in +/-0.01 in)          |

  

| Packaging Specifications |      |
|--------------------------|------|
| Packaging                | T&R  |
| Packaging Quantity       | 4000 |

| General Information |  |
|---------------------|--|
| Series              | SMD MIL X7R PRF32535   |
| Style               | SMD Chip   |
| Description         | SMD, Military, Low ESR, MIL-PRF-32535  |
| RoHS                | No   |
| Prop 65             | <b>⚠ WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">http://www.p65warnings.ca.gov</a> . |
| Termination         | Solder Plated  |
| Failure Rate        | N/A  |
| Qualifications      | MIL-PRF-32535  |
| AEC-Q200            | No   |
| Component Weight    | 20 mg  |

| Specifications                  |                     |
|---------------------------------|---------------------|
| Capacitance                     | 0.047 uF            |
| Capacitance Tolerance           | 10%                 |
| Voltage DC                      | 50 VDC              |
| Dielectric Withstanding Voltage | 125 VDC             |
| Temperature Range               | -55/+125°C          |
| Temperature Coefficient         | X7R                 |
| Dissipation Factor              | 2.5% 1MHz 25C       |
| Aging Rate                      | 3% Loss/Decade Hour |
| Insulation Resistance           | 21.28 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.

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