1025TD
Time-delay surface mount fuse

**Product features**
- Time-delay surface mount fuse
- Satisfies the EIA/IS-722 Standard
- Solder immersion compatible

**Agency information**
- UL Recognition Guide & File numbers: JDYX2 & E19180 (250mA - 5A)
- CSA Component Acceptance: File # 053787 C000, Class # 1422 30

**Soldering method**
- Wave immersion: 260°C, 10 Sec. max.
- Infrared reflow: 260°C, 30 Sec. max.

**Environmental data**
- Load humidity: MIL-STD-202, Method 103B
- Terminal strength: MIL-STD-202, Method 211A
- Thermal shock: MIL-STD-202, Method 107D, air-to-air
- Case resistance: EIA/IS-722
- Resistance to dissolution of metallization: ANSI J-STD-002, Test D
- High frequency vibration: MIL-STD-202, Method 204D, Test Condition D
- Resistance to solvents: MIL-STD-202, Method 215A

**Electrical Characteristics**

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Current Rating</th>
<th>Voltage Rating</th>
<th>Specifications</th>
<th>DC Cold Resistance** (Ω)</th>
<th>Typical Melting I₂t†</th>
<th>Typical Voltage Drop‡</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Amps</td>
<td>AC</td>
<td>DC</td>
<td>Rating*</td>
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</table>

* AC Interrupting Rating (Measured at designated voltage, 100% power factor random closing); DC Interrupting Rating (Measured at designated voltage, time constant of the calibrated circuit is less than 50 microseconds, battery source)
** DC Cold Resistance (Measured at ≤10% of rated current)
† Typical Melting I₂t (Measured with a battery bank at rated DC voltage, 10x-rated current, time constant of calibrated circuit less than 50 microseconds)
‡ Typical Voltage Drop (Measured at rated current after temperature stabilizes)
* Device designed to carry rated current for four hours minimum. An operating current of 80% or less of rated current is recommended, with further derating required at elevated ambient temperatures.
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**Packaging Code**

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<tr>
<th>Packaging Code Prefix</th>
<th>Description</th>
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<tbody>
<tr>
<td>TR2</td>
<td>2,500 fuses on 24mm tape-and-reel on 13 inch (330mm) reel per EIA Standard 481</td>
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Printed in USA
Publication No. 4344 BU-SB08288
May 2017