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## 3601 095010001



3601 Series TO-5 Thermal Switches

# Features

Hermetically sealed TO-5 package Logic level contacts

#### **Potential Applications**

Power supplies Logic boards Telecommunications Medical electronics Robotics

#### Description

The 3601 Series consists of a single pole, single throw, bimetal snap-action switch available to open or close on temperature rise. These devices are specifically designed and often suited for mounting on products such as printed circuit boards to protect against hazardous temperatures associated with the thermal density of components on backplanes, flexible circuitry and sophisticated time-based circuits. These hermetically-sealed products have gold contacts for logic level switching. They have no power budget and are wave solderable.

#### **Supporting Documentation**

None Available

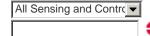
| Product Specifications       |  |
|------------------------------|--|
| Functional Properties        | Close on rise  |
| Reset Type                   | Automatic  |
| Amperage                     | 1.0 A resistive max.   |
| Voltage                      | 28 Vac/Vdc   |
| Operating Temperature        | 40 °C to 120 °C [104 °F to 248 °F]                               |
| Environmental Exposure Range | -50 °C to 150 °C [-58 °F to 302 °F]                              |
| Open Temperature             | 70.0 °C min. w/2.2 °C min. diff. [158 °F min. w/4 °F min. diff.] |
| Close Temperature            | 95.0 °C [203 °F]   |
| Close Tolerance              | 7.2 °C [13 °F]   |
| Hermetic Seal                | 1x10-3   |
| Housing Material             | Metal T0-5 package   |
| Contact Material             | WE -1 gold alloy cross point                                     |
|                              |  |

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| Mounting    | Wave solderable TO-5 package |
|-------------|------------------------------|
| Series Name | 3601                         |

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