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3600 080010001



3600 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 3600 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

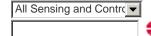
| Product Specifications | |
|------------------------------|--|
| Functional Properties | Open on rise |
| Reset Type | Automatic |
| Amperage | 1.0 A resistive max. |
| Voltage | 28 Vac/Vdc |
| Operating Temperature | 40 °C to 120 °C [104 °F to 248 °F] |
| Environmental Exposure Range | -50 °C to 150 °C [-58 °F to 302 °F] |
| Open Temperature | 80.0 °C [176 °F] |
| Close Temperature | 56.1 °C min. w/2.2 °C min. diff. [133 °F min. w/4 °F min. diff.] |
| Open Tolerance | 4.4 °C [8 °F] |
| Hermetic Seal | 1x10-3 |
| Housing Material | Metal T0-5 package |
| Contact Material | WE -1 gold alloy cross point |
| | |

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Specification Search

| Mounting | Wave solderable TO-5 package |
|-------------|------------------------------|
| Series Name | 3600 |

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