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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

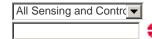
Product Specifications	
Functional Properties	Open on rise
Reset Type	Automatic
Amperage	1.0 A resistive max.
Voltage	28 Vac/Vdc
Operating Temperature	40 °C to 120 °C [104 °F to 248 °F]
Environmental Exposure Range	-50 °C to 150 °C [-58 °F to 302 °F]
Open Temperature	80.0 °C [176 °F]
Close Temperature	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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Mounting	Wave solderable TO-5 package
Series Name	3600

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