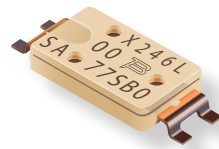


New Product Release

CIRCUIT PROTECTION PRODUCTS



ADVANCE NOTICE

Bourns Announces First Surface Mount Series of Miniature Resettable Thermal Cutoff Devices

Model SA Series

Riverside, California - TO BE RELEASED APRIL 3, 2017 - Bourns is pleased to announce the introduction of its new Model SA Series of Miniature Resettable Thermal Cutoff (TCO) Devices. These are the first of our miniature resettable thermal cutoff devices that have been designed for surface mount reflow soldering processes.

Miniature resettable thermal cutoff devices traditionally have been used in battery packs that utilize welding for assembly. However, the new Model SA series opens these circuit protection devices to multiple new applications as they can be reflow soldered onto printed circuit boards.

The new Model SA series has current capabilities from 6 A up to 11 A at 60 °C and comes in a very low profile package with a maximum height of just 1.09 mm. These devices have been designed to withstand typical humid environments and use a high corrosion resistance bimetal mechanism. The new SA devices are RoHS compliant* and UL recognized.

The primary application for these products is battery cell protection in notebook PCs, tablet PCs and smartphones. However, they can also be used for thermal protection in USB type C cables.

For further details on these exciting new models, please contact your nearest Bourns representative.

Features

- Formerly a **KOMATSULITE™** product
- Miniature Thermal Cutoff (TCO) device
- Surface mount
- Overtemperature and overcurrent protection for lithium polymer and prismatic cells
- Controls abnormal, excessive current virtually instantaneously, up to rated limits
- Wide range of temperature options
- RoHS compliant*

Applications

- Battery cell protection for:
- Notebook PCs
 - Tablet PCs
 - Smartphones
 - USB cable protection for smartphones