

Surface Mount Series



FEATURES

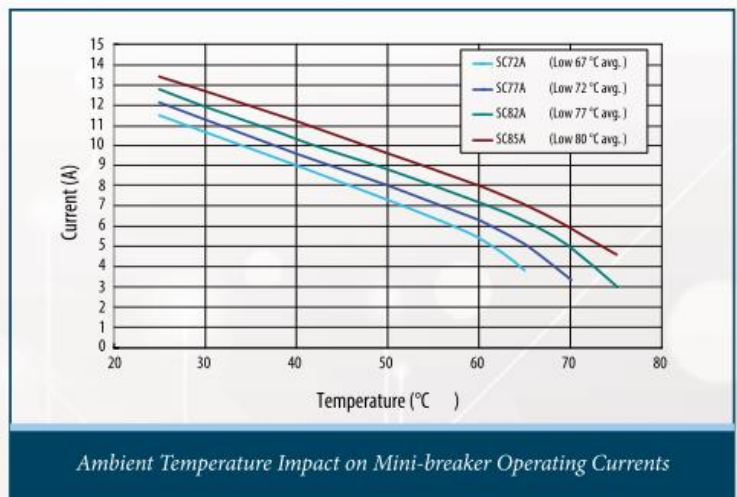
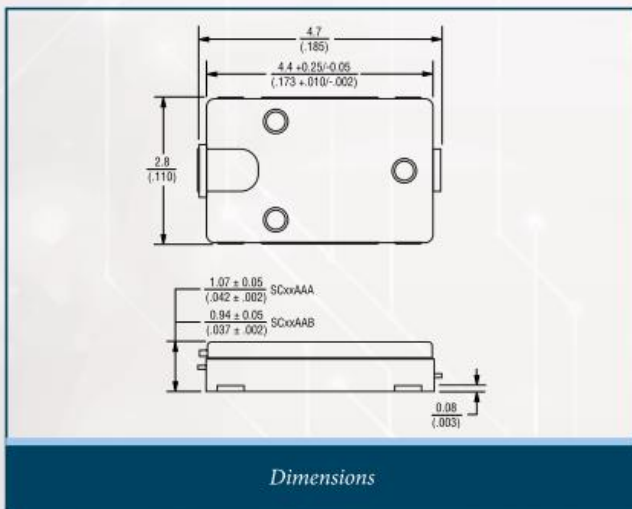
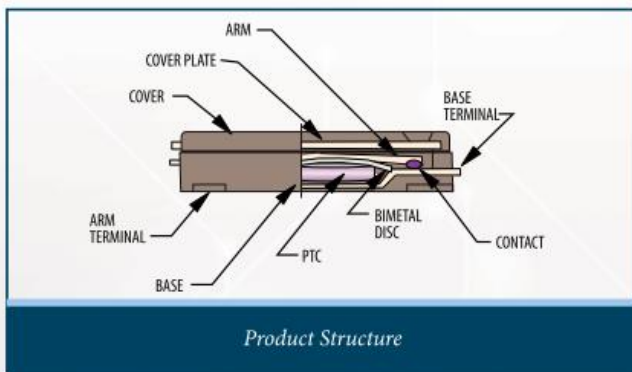
- Surface mount
- Overtemperature and overcurrent protection for lithium polymer and prismatic cells
- Controls abnormal, excessive current virtually instantaneously, up to rated limits
- Wide range of temperature options

APPLICATIONS

- Battery cell protection for:
- Notebook PCs
 - Tablet PCs
 - Smart Phones
 - USB Cable Protection for Smart Phones

SC Series – Surface Mount / High Current Series

Model	Trip Temperature	Reset Temperature	Maximum Breaking Current	Maximum Voltage	Maximum Leakage Current	Resistance
SC72AAA SC72AAB	72 °C ± 5 °C	40 °C min.	DC5 V / 50 A, 100 cycles	DC28 V / 25 A, 100 cycles	200 mA max. @ 25 °C	5 milliohms max.
SC77AAA SC77AAB	77 °C ± 5 °C	40 °C min.	DC5 V / 50 A, 100 cycles	DC28 V / 25 A, 100 cycles	200 mA max. @ 25 °C	5 milliohms max.
SC82AAA SC82AAB	82 °C ± 5 °C	40 °C min.	DC5 V / 50 A, 100 cycles	DC28 V / 25 A, 100 cycles	200 mA max. @ 25 °C	5 milliohms max.
SC85AAA SC85AAB	85 °C ± 5 °C	40 °C min.	DC5 V / 50 A, 100 cycles	DC28 V / 25 A, 100 cycles	200 mA max. @ 25 °C	5 milliohms max.



The above curves were derived from placing test samples in an oven at 25 °C, 40 °C, 60 °C and 70 °C, increasing current flow through the sample at a rate of 0.1 A/minute and recording the current value when the sample trips.

*RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.