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About Our Products 

Self Control Protector (SCP)
15A rated series

Surface mounted type fuse that immediately interrupts overcharge or overcurrent in Li-ion rechargeable battery.

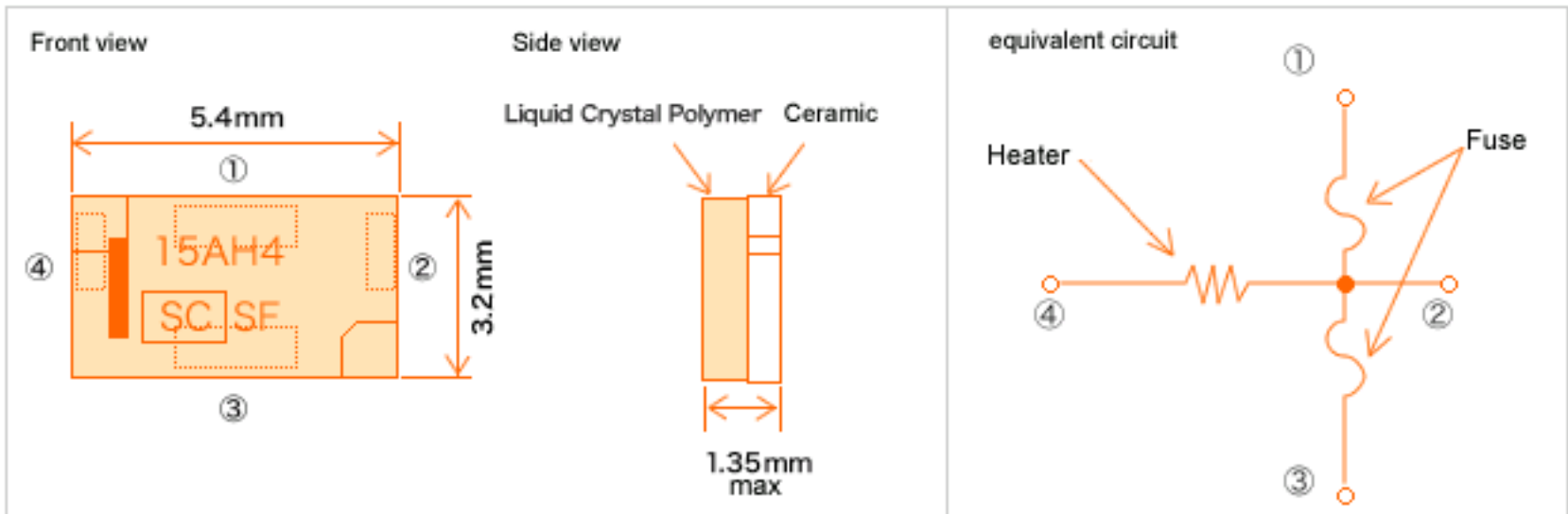
Please select the product name :

SFH-1215B / SFH-1415B / SFH-2015B






● Product name	SFH-1215B / SFH-1415B / SFH-2015B
● Suitable use	For Li-ion rechargeable battery
● Application	Computers/ AV/ Cellular phones/ Automobiles
● Features	<ul style="list-style-type: none">Environmentally conscious: halogen-free.It protects Li-ion battery from the overcharge and the overcurrent.No overheating of self control protector: For protection of overcharging, Cut off the charging circuit when the fuse element melts, and at the same time, the flow of electric current through a heater is stopped automatically.Automatically mountable by general-purpose chip mounter as well as reflow solderable using an alloy with a high melting point as a fusible alloy in the device.

● Structure



● Specifications

Product Name	SFH-1215B	SFH-1415B	SFH-2015B
Applicable cells in series	3 cell	4 cell	5 cell
Rated current	15A		
Rated voltage(*)	36VDC		
Rated breaking capacity	7.4 - 13.8V	10.5 - 19.6V	14.4 - 23.5V
Operating voltage	50A		
Heater resistance	5.5 - 8.3Ω	11.0 - 17.0Ω	17.3 - 25.9Ω
Fuse resistance	1.0 - 3.0mΩ		
Size	5.4 x 3.2 x 1.35mm		
Electrode	Au plating (Ag-Pt base)		
Marking			

(*) Maximum voltage at which cutoff of the fuse is possible. It is not the operating voltage for the heater.

- UL certificated: UL file No. E167588
- TUV certification: Certificate No. J9650637
- ROHS directive: Conforming
- Management regulations for environment-related substances to be controlled which are included in Sony's parts and materials: Conforming to SS-00259