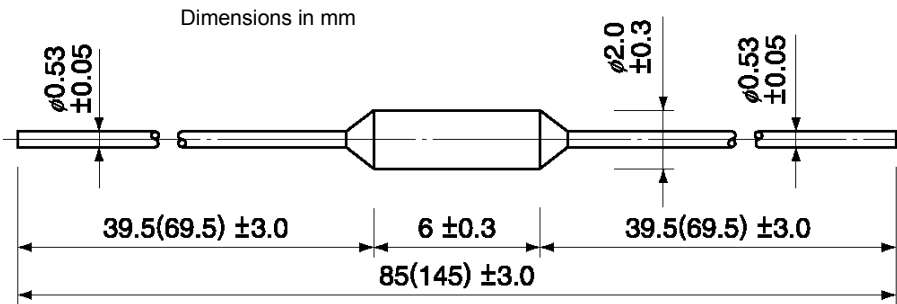


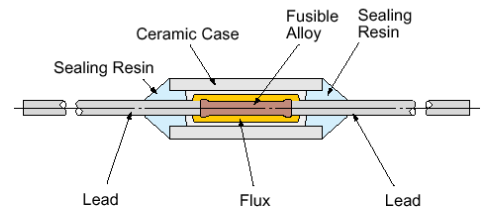
NEC Schott SEFUSE SM/B Series Thermal Fuses

Our SM/B Type uses a fusible alloy inside a ceramic case. It has a cutoff (rated) current of 1A / 250v AC. Because of its insulated case, the SM type can be attached directly where temperature detection is required.



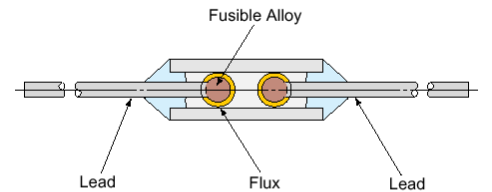
Note: The dimensions for long lead devices are in parentheses.

Before Operation



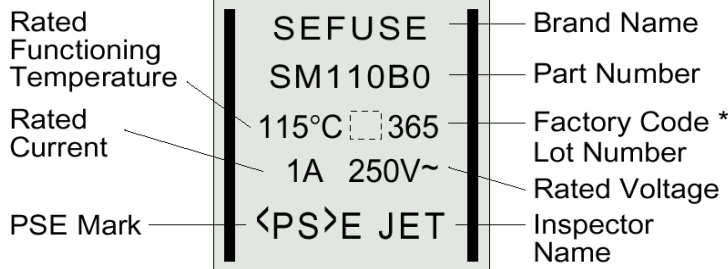
In the SM type, leads are connected by a fusible alloy. The current flows directly from one lead to the other. The fusible alloy is coated with a special flux.

After Operation



When ambient temperature rises to the SEFUSE operating temperature, the fusible alloy melts and condenses into a drop around the end of each lead because of surface tension and the coating of special flux. The electrical circuit then opens.

Marking



* Factory Code represents Japan : none
 Thailand : C
 as shown below

Ratings

Meet for WEEE (RoHS)	Part Number	Rated Functioning Temperature Tf (°C)	Operating Temperature (°C)	Th Tc (°C)	Tm (°C)	Electrical Ratings		UL		CSA		VDE		BEAB		CCC		PSE	
						AC	DC ³⁾	Made in Japan	Made in Thailand	Made in Japan	Made in Thailand	Made in Japan	Made in Thailand	Made in Japan	Made in Thailand	Made in Japan	Made in Thailand	Made in Japan (JET1975-32001-XXXX)	Made in Thailand (JET1974-32001-XXXX)
○	SM082B0	87	82 ± 2	52	200	1 A (Resistive)	3A/DC50V	E71747	172780 (LR52330)	677802 -1171 -0004	C1030	*1	*2					1004	1016
○	SM092B0	97	92 ± 2	62			3.5 A											1001	1010
	SM095B0	100	95 ± 2	65	115	1006	1011												
○	SM110B0	115	110 ± 2	80	125													1002	1012
○	SM125B0	131	126 ± 2	96	200	1003	1013												
	SM126B0		140	145	200														
	SM130B0	135	130 ± 2			100	145												
	SM134B0	139	134 ± 2	104															
○	SM137B0	142	137 ± 2	107															
○	SM146B0	151	146 ± 2	116															
○	SM150B0	150																	

Note: 1) ○: No use the hazardous substances prescribed by WEEE(RoHS).

2) Part numbers are for standard devices. For long leads, change the last number from 0 to 1.

3) DC rating are approved by UL and VDE.

4) The number in parentheses are previous number. Both number can be inquired.

5) SM134B0 has c-UL recognition.

*1: 2002010205002645

*2: 2002010205023066