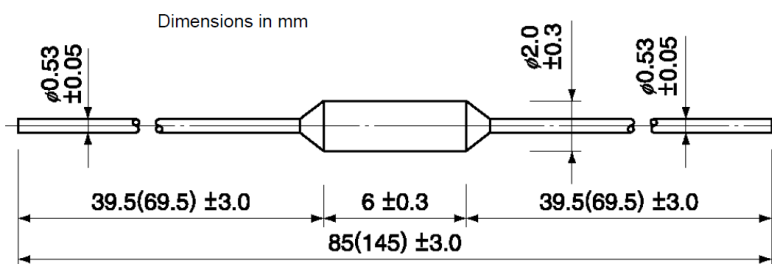




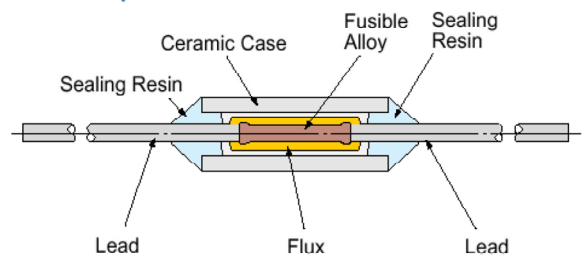
NEC SEFUSE SM/B Series Thermal Fuses

Our SM/B thermal fuse uses a fusible alloy inside a ceramic case. It has a continuous current rating of 1A/250VAC. Because of its insulated case, the SM fuse can be applied directly to where it will be most effective.



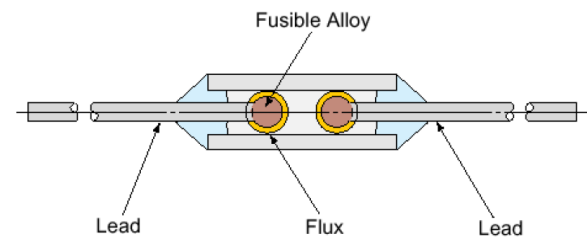
Note: The dimensions for long lead devices are in parentheses.

Before Operation



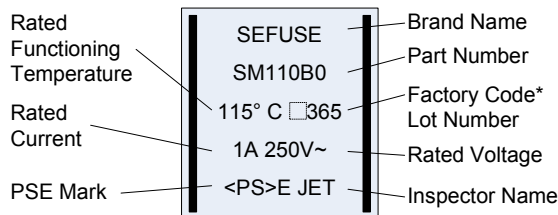
In the SM type, leads are connected by a fusible alloy. The current flows directly from one lead to the other. The fusible alloy is coated with a special flux.

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 the surface tension and the coating of special flux. The electrical circuit then opens.

Marking



* Factory Code represents the factory location as shown below

Japan : none
 Thailand : C

Ratings

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	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 JET 1975-32091-XXXX	Made in Thailand JET 1974-32091-XXXX		
○	SM092B0	97	92 ± 3/2	62	200	1 A (Resistive) AC250V	3A DC50V	E71747	172780 (LR52330)	677802 -1171 -0004	C1169	*1	*2	1004	1016	1001	1011	1002	1012		
○	SM110B0	115	110 ± 3/2	80	125		6 A DC50V													1003	1013
○	SM125B0	131	126 ± 3/2	96	200																
○	SM137B0	142	137 ± 3/2	107																	
○	SM146B0	151	146 ± 3/2	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 ratings are approved by UL and VDE.

*1: 2002010205002645
 *2: 2002010205023066