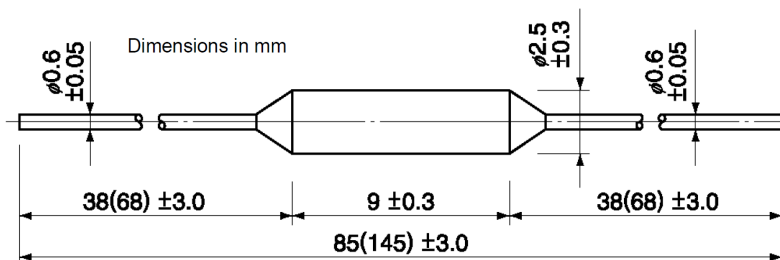




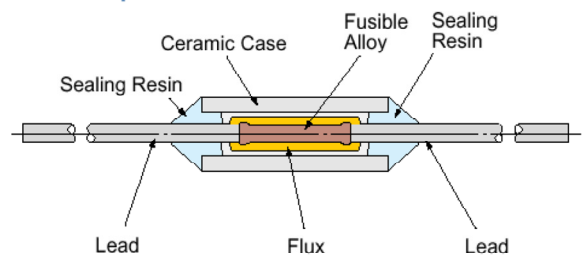
NEC SEFUSE SM/A Series Thermal Fuses

Our SM/A thermal fuse uses a fusible alloy inside a ceramic case. It has a continuous current rating of 2A/250VAC. Because of its insulated case, the SM fuse can be applied directly to where it will be most effective.



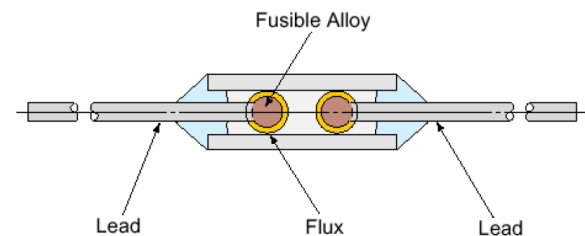
Note: The dimensions for long lead devices are in parentheses.

Before Operation



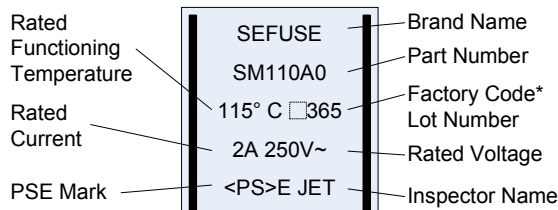
In the SM type, leads are connected by a fusible alloy. The current flows directly from one lead to the other. The fusible alloy is coated with a special flux.

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

1) Meet for WEEE (RoHS)	2) 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	Made in Thailand
○	SM072A0	76	72 ± 3/2	46	100	2 A (Resistive) AC250V	3ADC50V(UL) 4A:DC50V(VDE)	E71747	4)	172780 (LR52330)	677802 -1171 -0001	C1191	*1	*2			1007	1017	
○	SM092A0	97	92 ± 3/2	62	200		4 A DC50V										1004	1016	
○	SM110A0	115	110 ± 2	80	125		7 A DC50V										1006	1011	
○	SM125A0	131	126 ± 3/2	96	200		1002										1012		
○	SM137A0	142	137 ± 3/2	107	200		1003										1013		
○	SM146A0	151	146 ± 3/2	116															
○	SM150A0	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.
 4) SM072A0 has c-UL recognition.
 5) The numbers in parentheses are previous number. Both can be inquired.

*1: 2002010205002641
 *2: 2002010205023067
 *3: 33-556