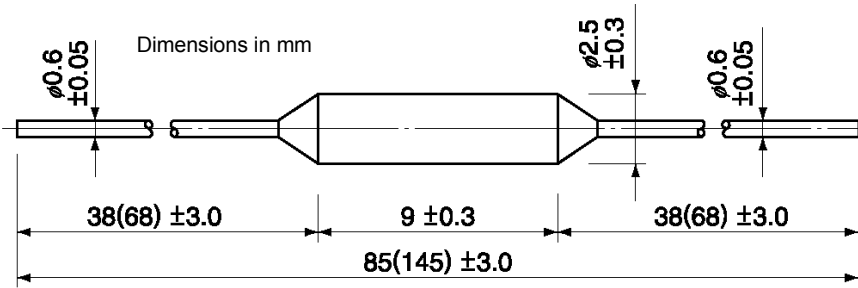


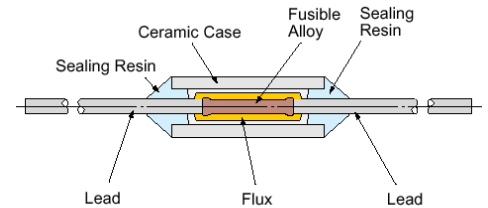
NEC Schott SEFUSE SM/A Series Thermal Fuses

Our SM/A type uses a fusible alloy inside a ceramic case. It has a cutoff (rated) current of 2A / 250v AC. Because of its insulated case, the SM type can be attached directly where temperature detection is required.



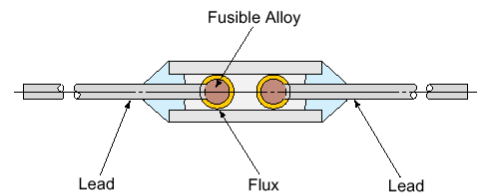
Note: The dimensions for long lead devices are in parentheses.

Before Operation



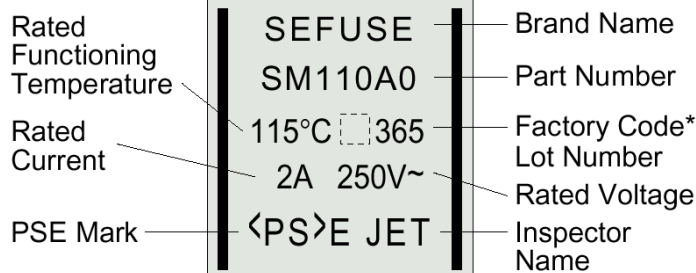
In the SM type, leads are connected by a fusible alloy. The current flows directly from one lead to the other. The fusible alloy is coated with a special flux.

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
 the factory location 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)							
○	SM072A0	76	72 ± 2	46	100	2 A (Resistive) AC250V	3A/DC50V(UL) 4A/DC50V(VDE)	E71747	4)	172780 (LR52330)	677802 -1171 -0001	C1054	*1	*2	Under Application	C1054	*1	*2	1007	1017						
○	SM082A0	87	82 ± 2	52	200														4 A	1004	1016					
○	SM092A0	97	92 ± 2	62	115														DC50V	1001	1010					
○	SM095A0	100	95 ± 2	65	115														1006	1011						
○	SM110A0	115	110 ± 2	80	125														1002	1012						
○	SM125A0	131	128 ± 2	96	200														7 A	C1054	*1	*2	1003	1013		
○	SM126A0		140		1014																					
○	SM130A0	135	130 ± 2	100	145														1005	1014						
○	SM134A0	139	134 ± 2	104	200														DC50V	C1054	*1	*2	1003	1013		
○	SM137A0	142	137 ± 2	107																					1005	1014
○	SM146A0	151	146 ± 2	116																					1005	1014
○	SM150A0	150	164 ± 2	133	180														1005	1014						
○	SM164A0	169																			152	195	1005	1015		
○	SM182A0	187	182 ± 2	152	195														1005	1015						

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) SM072A0 and SM134A0 have c-UL recognition.

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

6) The products indicated in *3 mention a certified number by the former law, the Electrical Appliance Material Control Law, as a transitional measure to the current law, the Electrical Appliance and Material Safety Law of Japan.

*1: 2002010205002641

*2: 2002010205023067

*3: 33-556