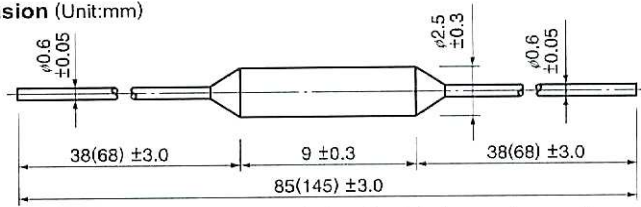


Standard Ratings

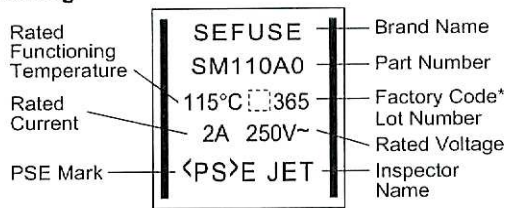
SM/A Series

Dimension (Unit:mm)

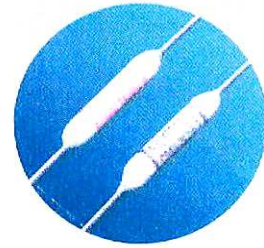


Note: The dimensions for long lead devices are in parentheses.

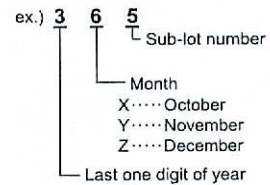
Marking



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

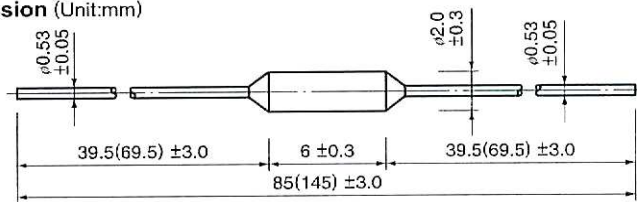


How to read a lot number



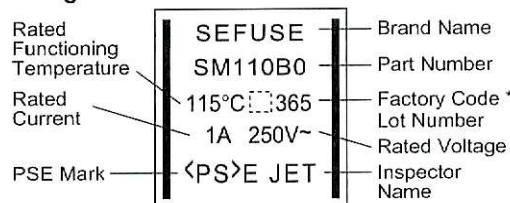
SM/B Series

Dimension (Unit:mm)

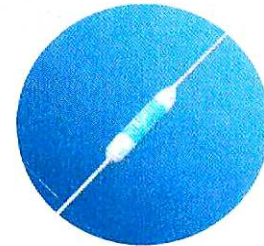


Note: The dimensions for long lead devices are in parentheses.

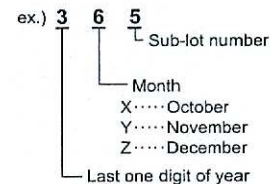
Marking



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

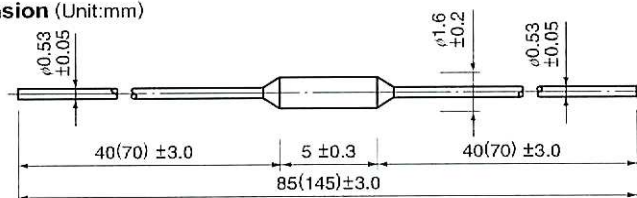


How to read a lot number



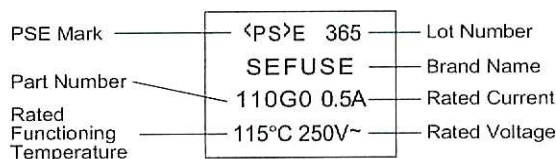
SM/G Series

Dimension (Unit:mm)

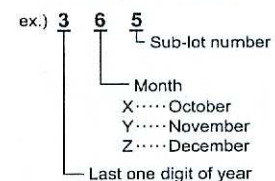


Note: The dimensions for long lead devices are in parentheses.

Marking



How to read a lot number



■ 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 ± ½	46	100	2 A (Resistive) AC250V	4 A DC50V	E71747	4)	172780 (LR52330)	677802 -1171 -0001	C1054	*1	*2	Under Application	C1054	*1	*2	1007	1017
○	SM082A0	87	82 ± ½	52	200														1004	1016
○	SM092A0	97	92 ± ½	62	200														1001	1010
○	SM095A0	100	95 ± ½	65	115														1006	1011
○	SM110A0	115	110 ± 2	80	125														1002	1012
○	SM125A0	131	126 ± ½	96	200															
○	SM126A0		126 ± 2																140	
○	SM130A0	135	130 ± 2	100	145															1003
○	SM134A0	139	134 ± 2	104	200															
○	SM137A0	142	137 ± ½	107															107	1005
○	SM146A0	151	146 ± ½	116	180															
○	SM150A0	150																	187	152
○	SM164A0	169	164 ± ½	133																
○	SM182A0	187	182 ± 2	152	195															

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

■ 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 (JET1975-32001-XXXX)	Made in Thailand (JET1974-32001-XXXX)			
○	SM082B0	87	82 ± ½	52	200	1 A (Resistive) AC250V	3A/DC50V	E71747	4)	172780 (LR52330)	677802 -1171 -0004	C1030	*1	*2	Under Application	C1030	*1	*2	1004	1016
○	SM092B0	97	92 ± ½	62	200														1001	1010
○	SM095B0	100	95 ± ½	65	115														1006	1011
○	SM110B0	115	110 ± 2	80	125														1002	1012
○	SM125B0	131	126 ± ½	96	200															
○	SM126B0		126 ± 2																140	
○	SM130B0	135	130 ± 2	100	145															1003
○	SM134B0	139	134 ± ½	104	200															
○	SM137B0	142	137 ± ½	107															107	1005
○	SM146B0	151	146 ± ½	116	180															
○	SM150B0	150																	187	152
○	SM164B0	169	164 ± ½	133																
○	SM182B0	187	182 ± 2	152	195															

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

■ Ratings

● This series are made only in Japan.

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⁾						(JET1975-32001-XXXX)	(JET1974-32001-XXXX)
○	SM095G0	100	95 ± ½	65	115	0.5 A (Resistive) AC250V	3A/DC50V	E71747	4)	172780 (LR52330)	677802 -1171 -0003	C1090	*1	1001
○	SM110G0	115	110 ± 2	80	125									1006
○	SM126G0	131	126 ± 2	96	140									1002
○	SM130G0	135	130 ± 2	100	145									
○	SM134G0	139	134 ± ½	104	200									1003
○	SM137G0	142	137 ± ½	107										
○	SM146G0	151	146 ± ½	116	180									

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.

*1: 2002010205023071

Protherm Wärmeschutz GmbH
Turnstr. 36
D-75328 Schömberg

Phone : +49 (0) 7235 980 200
fax : +49 (0) 7235 980 201
mail : kontakt@protherm.info
web : www.protherm.info