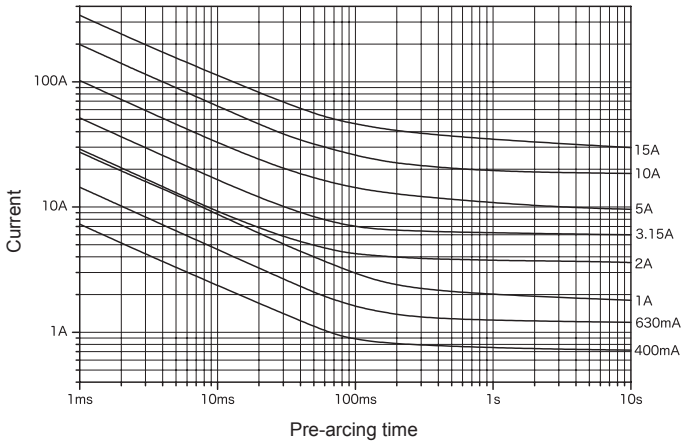
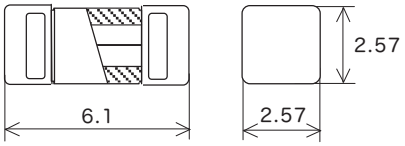
25CF

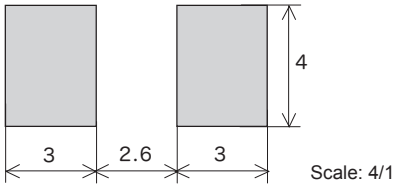
Quick-acting | RoHS-compliant | Pb free

Representative pre-arcing time-current characteristics





Land pattern for reflow soldering
(reference dimensions)



Scale: 4/1
(mm)

Rated voltage	Certification	Rated current (I_N) *1	Rated breaking current		Temp. rise	Current carrying capacity / Endurance test	Overload operation
AC 250 V		63 mA–4 A	50 A	Resistive circuit	75 K or less at 1.0 I_N	1.0 I_N until temperature stabilization occurs	Within 60 s at 2.0 I_N
AC 125 V		Over 4 A–10 A					
		Over 10 A–15 A			100 K or less at 1.0 I_N		
	PS E *2	63 mA–6.3 A	*3		*4	*5	Within 2 min at 2.0 I_N 0.001s–0.01 s at 10 I_N
DC 150 V		63 mA–10 A	350 A		75 K or less at 1.0 I_N	1.0 I_N until temperature stabilization occurs	Within 60 s at 2.0 I_N
		Over 10 A–15 A			100 K or less at 1.0 I_N		
DC 86 V		63 mA–5 A	10000 A		75 K or less at 1.0 I_N		
DC 72 V		18 A	100 A				

*1: Customer-requested rated current values can be supplied from within the given range.
*2: Fuses with rated currents of less than 1 A are not considered electrical products per the Electrical Appliance and Material Safety Law.
*3: 50 A or 10 I_N, whichever is greater.
*4: The temperature rise of the terminals is 70 K or less when measured during the last five minutes of carrying a 1.25 I_N current for endurance testing.
*5: Endurance test: After 100 cycles of 1.05 I_N 1 h on / 15 min off, 1.25 I_N is passed through the fuse for 1 h.