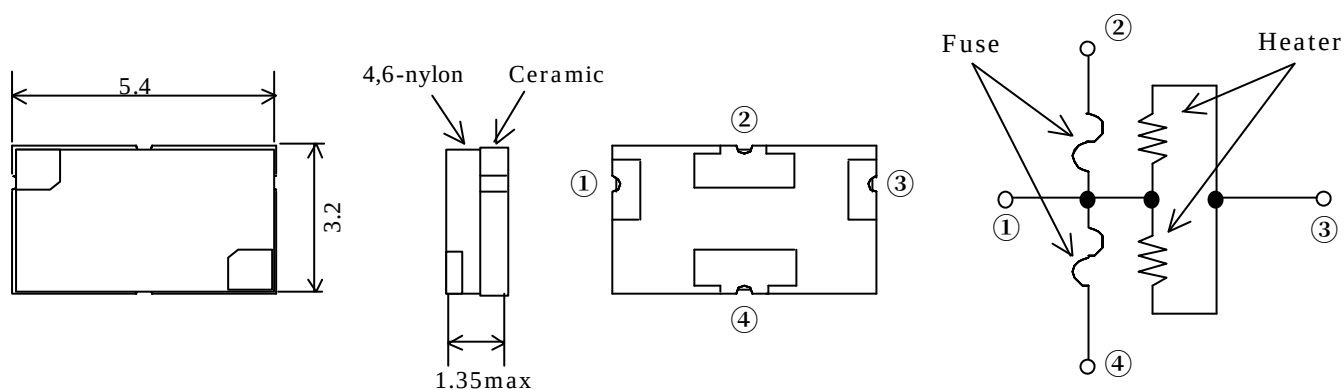


SFH-1212A/1412A

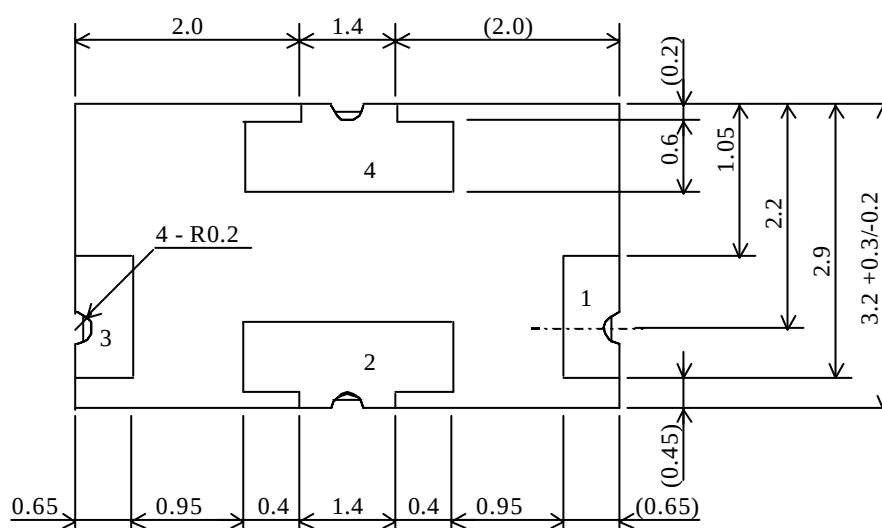
1. Specification

	SFH-1212A	SFH-1412A
Rated current	12A	
Size	5.4×3.2×1.35mm	
Electrode	Ag-Pt	
Fuse resistance (Typical)	3±1mΩ	
Operating voltage	7.4~13.8V	10.5~19.6V
Heater resistance	7.3±1.8Ω	14.7±3.7Ω
Operating electric power	6~35W	
Reflowing temperature (MAX)	260°C	

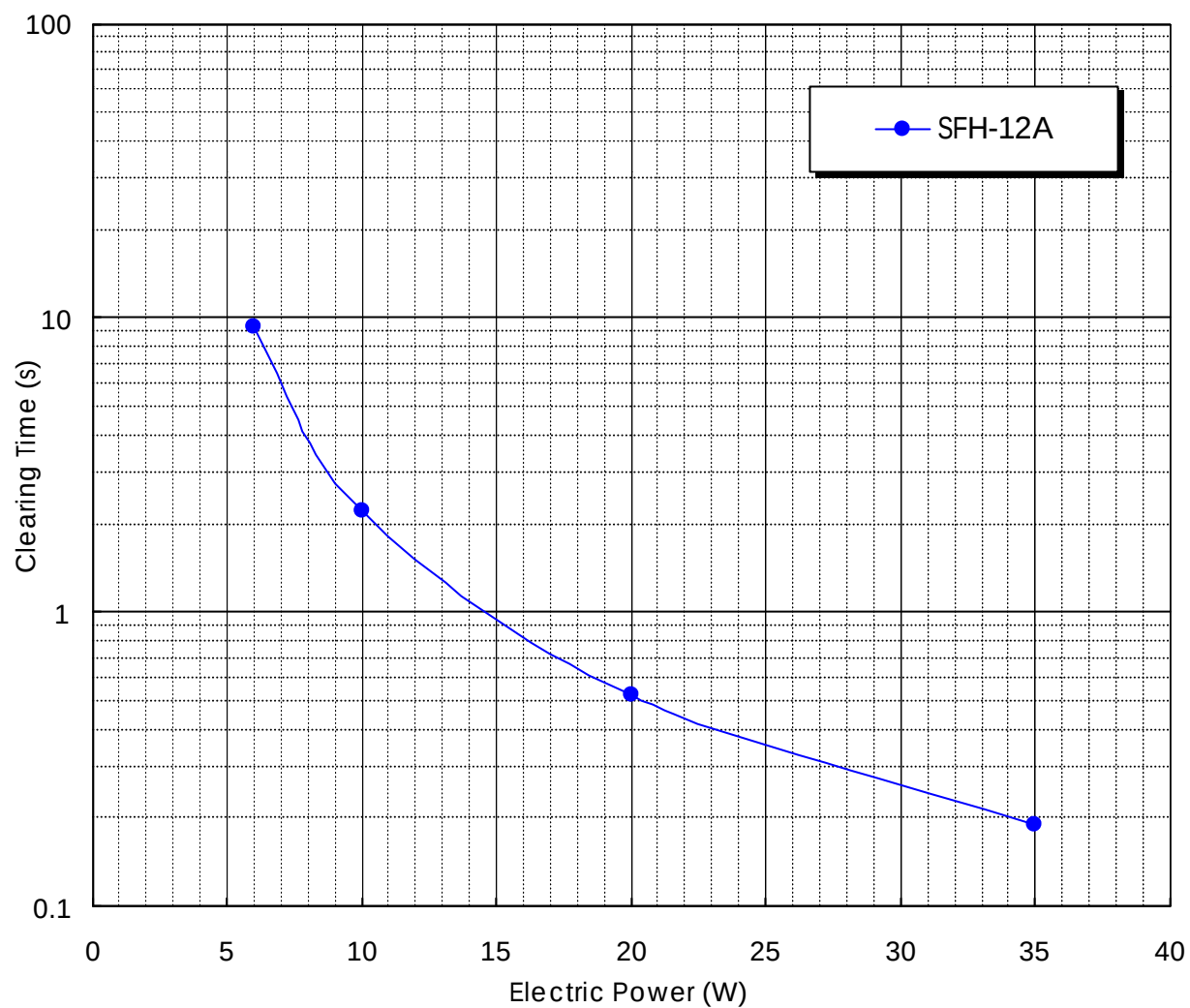
2. External view & Equivalent circuit(Unit: mm. Not in scale.)



3. Terminal Size (Unit: mm. Not in scale.)

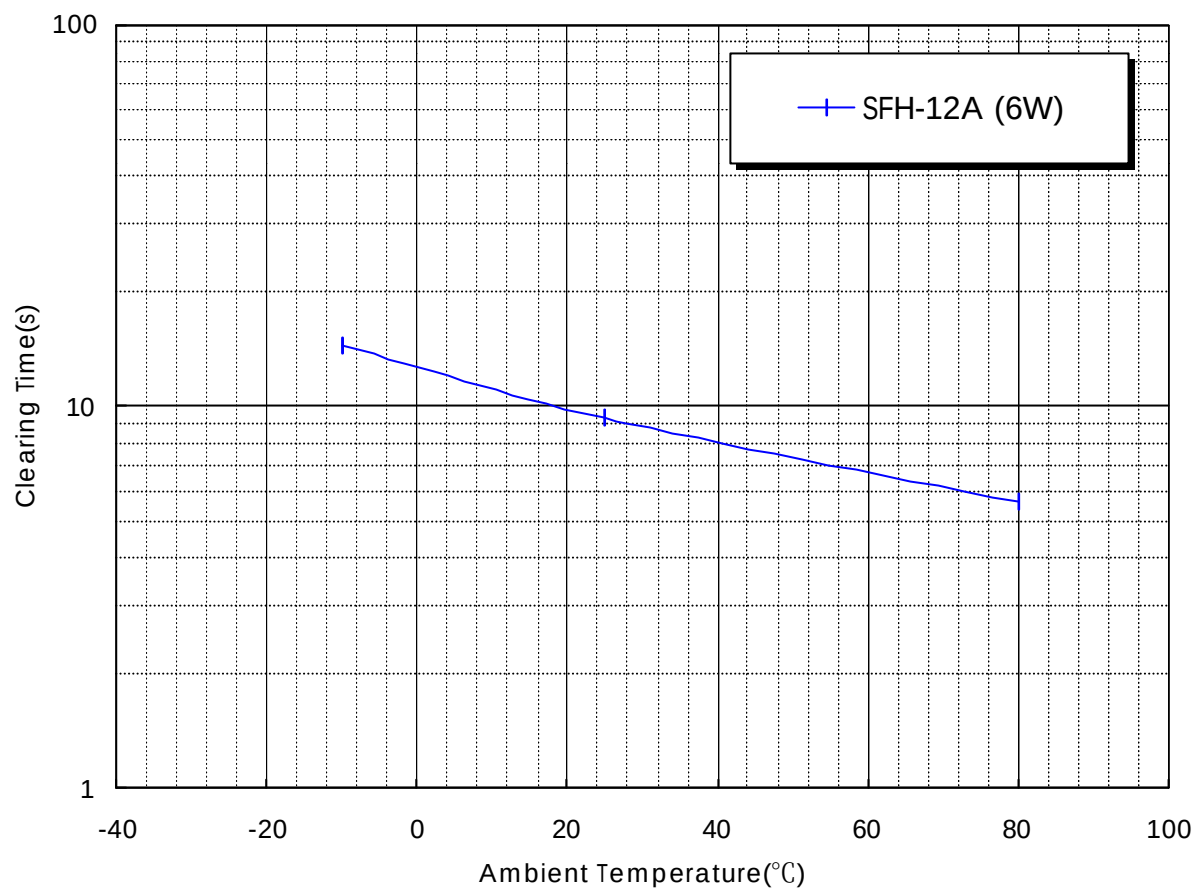


4. Operation time by the heater (Electricity vs. clearing time at 25°C, Typical)



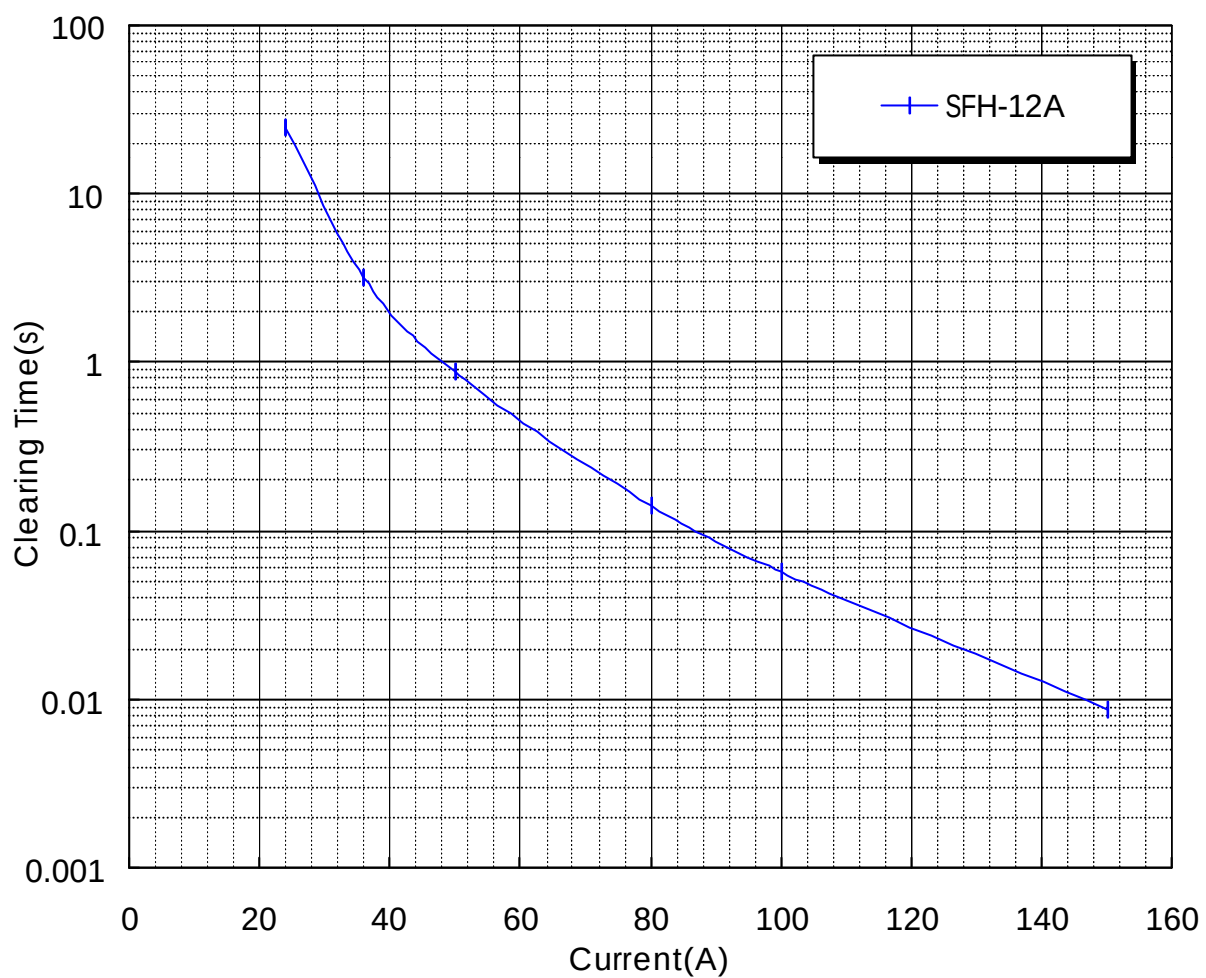
Electric Power	6W	10W	20W	35W
Clearing Time	9.3s	2.2s	0.51s	0.19s

5. Operation time by the heater (Ambient temperature vs. clearing time, Typical)



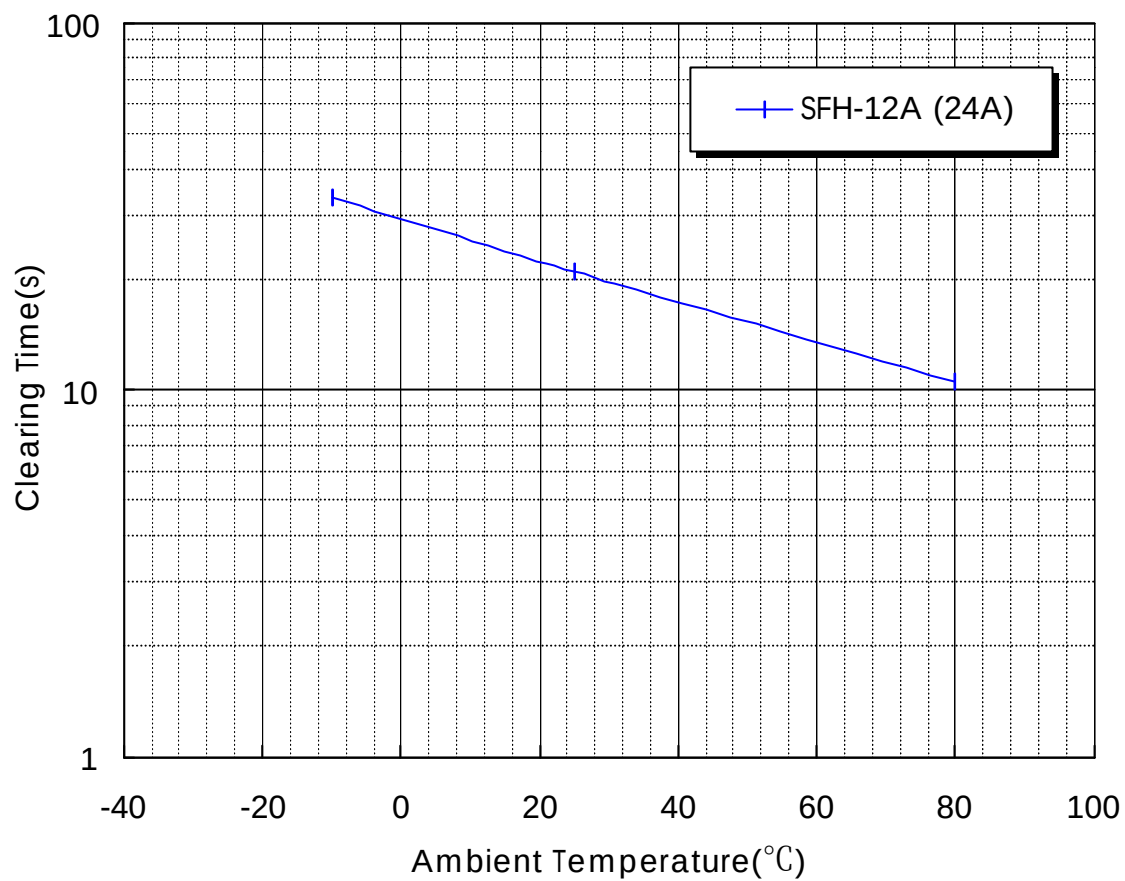
Ambient Temperature(°C)	-10°C	25°C	80°C
Clearing Time(s)	14.5s	9.3s	5.6s

6. Current interrupting time (at 25°C, Typical)



Current	24A	36A	50A	80A	100A	150A
Clearing Time	24.9s	3.2s	0.87s	0.141s	0.057s	0.0088s

7. Current interrupting time

(Ambient temperature vs. Clearing time by Rated Current $\times 2$, Typical))

Ambient Temperature(°C)	-10°C	25°C	80°C
Clearing Time(s)	33.5s	21.0s	10.5s