

### ● Outline

Power supply of the analog fixed-line telephone is not commercial power supply. Therefore, the analog telephone is used as emergency call at the time of blackout by the disaster.

This product is ringling generator (sine wave) for the bell of analog telephone.

### ● Product Number (P/N)

P/N	Power supply voltage
SR-923-12	12V DC
SR-923-24	24V DC

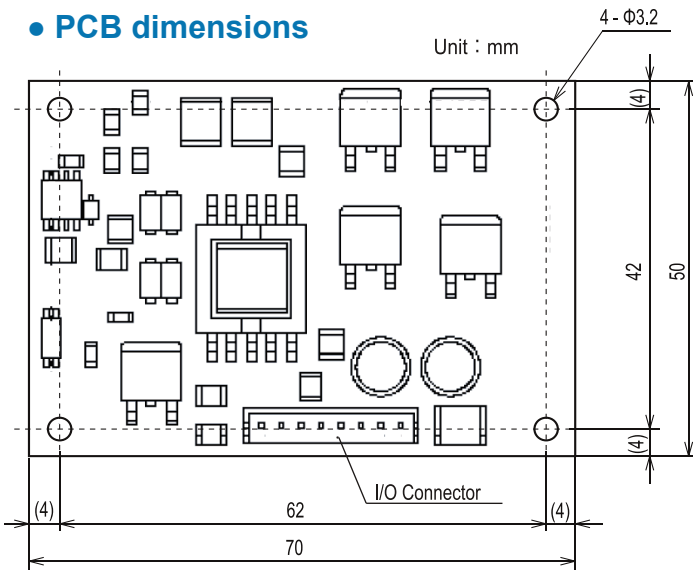
Note) In case of 5V(DC) or 48V(DC) becomes the customer specification. When the customer specifications, we would like an inquiry.

### ● General Rating

Rated Voltage	SR-923-12	12 V±10% DC
	SR-923-24	24 V±10% DC
Rated Current	SR-923-12	600 mA DC max.( Ave.) at 12 V DC
	SR-923-24	300 mA DC max.( Ave.) at 24 V DC
Normal Rated Power	SR-923-12	2.8 Watt
	SR-923-24	2.8 Watt
Operating Temperature /Humidity Range	Temperature: -10 to +60°C (See Note 1) Humidity: 20 to 90% (See Note2)	
Storage temperature /Humidity Range	Temperature: -20 to +60°C(See Note 1) Humidity: 20 to 90%(See Note 2)	

Note 1) Include temperature rise of the ringling generator module.  
Note 2) No condensation at normal temperature(20±5°C).

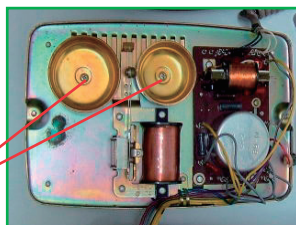
### ● PCB dimensions



PCB thickness: 1.6 mm  
Height of mounting component from PCB top surface: 12 mm  
Height of mounting component from PCB bottom surface: 2 mm

I/O Connectors  
Board connector: JST P/N: B8B-EH  
Mating connector: JST P/N: EHR-8 (Housing)  
JST P/N: SEH-001T-P0.6 (Contact)

### ● Example of analog fixed-line telephone



Ringing Bell

Ref.) 600-A1Model  
Analog fixed-line telephone  
(Specification of Former NTT: Nippon Telegraph and Telephone Public Corporation)

### ● Primary electrical specifications

- 1) Output voltage :75V+8V/-10V(Balanced line output) at load resistance of 2kΩ.
- 2) The load of Max.: Example)Telephone "600 - A1 model"(Former NTT), 3 sets max.
- 3) Frequency of Generator : 16Hz(sine wave), 15Hz to 18Hz.
- 4) Distortion factor :10% maximum.
- 5) Voltage proof : 500V AC(r.m.s) 1 minute between input from output.
- 6) Example of wave form chart : Measurement condition --- Temperature : 25°C,  
Input voltage : 24V, Load resistance : 2kΩ.

