

ST relay socket



ST-PS  
PC board terminal socket



ST-SS  
Solder terminal socket

RoHS compliant

## FEATURES

1. Possible to fit or remove the chassis with one touch ( $t = 0.6 \text{ mm}$  to  $2.2 \text{ mm}$  .024 inch to .087 inch)

2. Easy design of PC board pattern  
(2.54 mm x 4 pitch DIL terminal array)

3. High breakdown voltage.

## SPECIFICATIONS

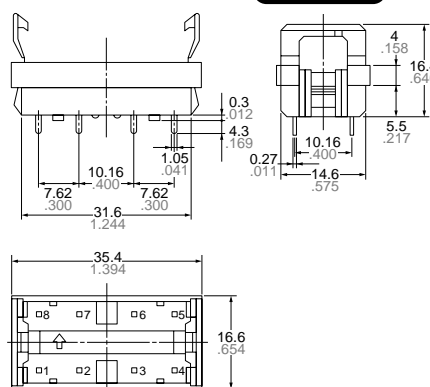
Item	Specifications
Breakdown voltage (Initial)	Between contact and coil: 4,000 Vrms for 1 min. (Detection current: 10 mA) Between contact and terminal: 2,000 Vrms for 1 min.
Insulation resistance (Initial)	Min. 1,000 MΩ between terminals (500V DC)
Heat resistance	150°C 302°F for 1 hr
Max. continuous current	10 A
Relay insertion life	15 times

## DIMENSIONS (mm inch)

The CAD data of the products with a **CAD Data** mark can be downloaded from: <http://industrial.panasonic.com/ac/e/>

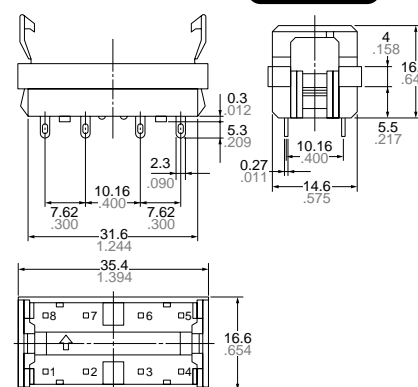
ST-PS

CAD Data



ST-SS

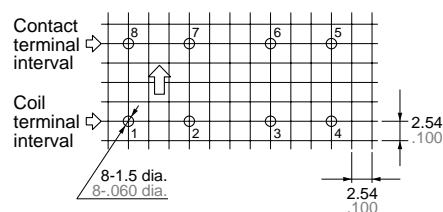
CAD Data





## PRECAUTIONS FOR USE (SOCKET)

### 1. PC board mounting method

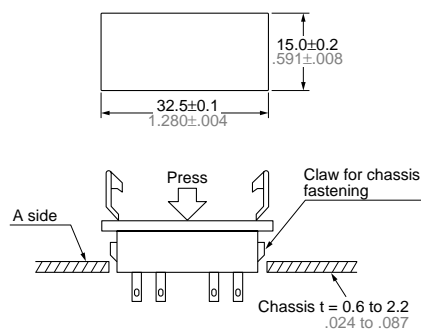
PC board pattern



The terminal configuration is symmetrical on the left and right, so an arrow mark  is stamped on the socket to prevent mis-insertion. We recommend printing the same arrow mark  on the component mounting side (side opposite from pattern) of the PC board. In this case, the terminal configuration becomes the terminal nos. noted near the drilling holes.

### 2. Chassis cutout

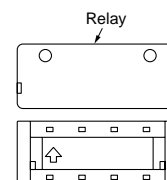
Chassis cutting dimensions



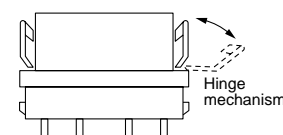
If the chassis hole is punched with a press, set so the release R on the front side (A side).  
The range for chassis thickness is 0.6 to 2.2 mm .024 to .087 inch.

### 3. Relay mounting and removal

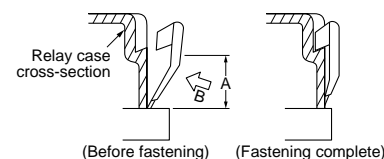
- (1) Align the directions of the relay and socket.



- (2) Insert the relay all the way in, so it is securely in place.



- (3) Press the part indicated by A in the B direction, and fasten by placing the hook on the relay.



- (4) When removing the relay, completely release the hooks on both sides and pull the relay out.