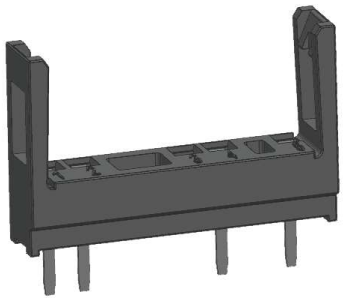
# 49F Series PCB Relay Socket



## Features

- Dielectric withstand voltage between coil contacts: 3000VAC
  insulation resistance: 1000MΩ
- PCB mounting type
- Built-in relay fixing
- Ultra-thin: 5.1mm width only
- Select relay product with characteristic No. 009

c UL us
File No.: E253370

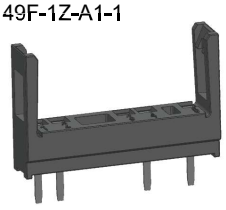
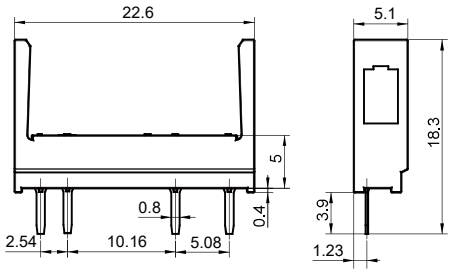
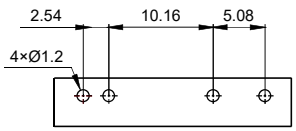
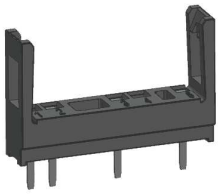
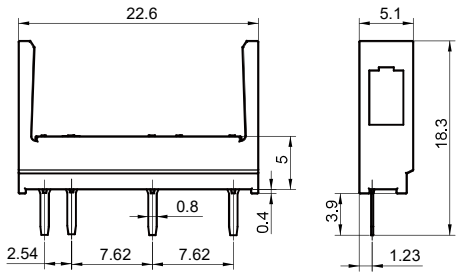
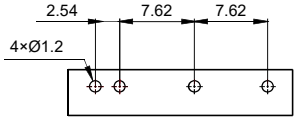
## CHARACTERISTICS

| Type | Nominal Voltage | Nominal Current | Ambient Temperature | Screw Torque | Wire Strip Length | Unit weight | Min. package qty. |
|---|---|---|---|---|---|---|---|
| 49F-1Z-A1-1 | 250VAC | 5A | -40℃~70℃ | — | — | 约1.7g | 100 |
| 49F-1Z-A1-2 | 250VAC | 5A | -40℃~70℃ | — | — | 约0.7g | 100 |

## ORDERING INFORMATION

| | 49F | -1Z | -A1 | -X |
|---|---|---|---|---|
| **Type** | | | | |
| **Contact arrangement** | **1Z:** 1 Form | | | |
| **Termination & mounting** | **A1:** PCB terminal | | | |
| **Lead-out Pin Pitch** | **1:** 5.08mm **2:** 7.62mm | | | |

## OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT

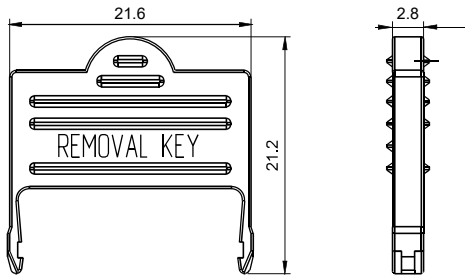
| Socket (If need accesscry,please order with type.) | Outline Dimensions | PCB Layout | Accessory Available |
|---|---|---|---|
| 49F-1Z-A1-1  |   |   | Remove the card：49F-B |
| 49F-1Z-A1-2  |   |   | Remove the card：49F-B |

Notes: If need accesscry,please order with type.

## Accessory Available

单位: mm

Remove the card:
Type：49F-B




Note:If need accesscry, please order with type.

## Precautions For Use

For your personal safety and the normal operation of the equipment, as well as to prevent fire, please note the following issues:

1.The rated current of the socket should be no less than the rated current of the relay.
2.Sockets are required to be firmly fixed to prevent the wiring from loosening and affecting the quality of wiring.
3.Be sure to disconnect power to the outlet before installation, disassembly, wiring, maintenance and inspection.
4.Prevent foreign objects such as wire shavings from falling inside this product when wiring.
5.Be sure to install the relay in place, and use accessories such as retainer if necessary to improve contact reliability. Do not use with incomplete connections.
6.Be sure to observe the relay ratings and do not overload the relay.
7.Before selecting a relay, make sure that the drive voltage matches the relay excitation voltage.

**Things to be noticed when selecting sockets:**

1. Please choose suitable relay socket according to the actual mounting environment, relay contact poles and terminal layout. If there is any query on selection, please contact Hongfa for the technical service;
2. Relevant accessories must be selected separately. Please indicate the model of the selected accessories when ordering;
3. The above is only an example of typical socket and related component type which is suitable to HF49FD(009) relay. If you have any special require ments, please contact us.
4. Main outline dimension, outline dimension＞50mm，olerance should be ±1mm;20mm＜outline dimension ≤50mm,tolerance should be ±0.5mm;5mm＜outline dimension≤20mm, tolerance should be ±0.4mm,outline dimension≤5mm,tolerance should be ±0.3mm;

Disclaimer
The specification is for reference only. See to "Terminology and Guidelines" for more information. Specifications subject to change without notice. We could not evaluate all the performance and all the parameters for every possible application. Thus the user should be in a right position to choose the suitable product for their own application. If there is any query, please contact Hongfa for the technical service. However, it is the user's responsibility to determine which product should be used only.

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