

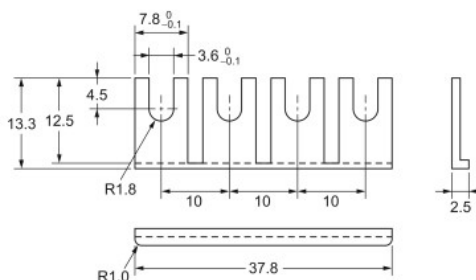
## Accessories (Order Separately)

### Short Bar

#### G78-04

Use this piece for short-circuiting across terminals.

Max. current flow: 20 A

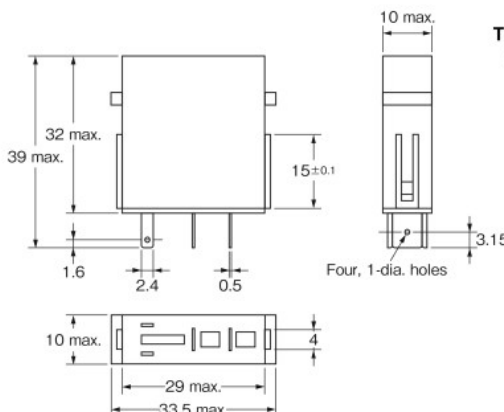
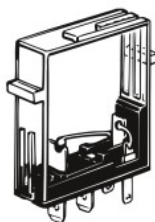


### Output Short-Circuit Module

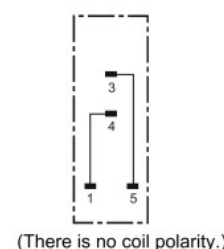
#### G77-S

The output of the I/O Relay Terminal can be obtained without relays through the G77-S Output Short-Circuit Module.

Note that the G77-S Output Short-Circuit Module is not available for inputs.



Terminal Arrangement/Internal Connections (Bottom View)

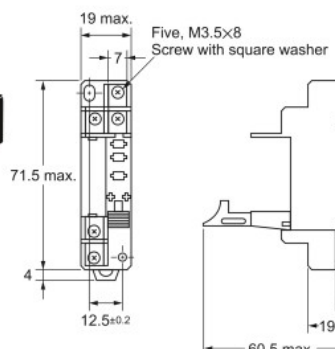
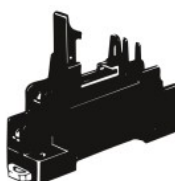


(There is no coil polarity.)

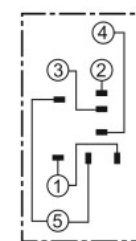
### Socket

#### P7TF-05

The G7T (SPST-NO, SPST-NC, and SPDT types) and the G3TA I/O Relays can be mounted on the P7TF-05 Socket. The P7TF-05 can be used for applications involving sequences that require slim relays, or to enable use of SPDT relays with the I/O Relay Terminal. To use part of the I/O Relay Terminal with SPDT specifications, insert an Output Short-Circuit Module into the I/O Relay Terminal, and use the P7TF-05 Socket in combination with an SPDT Relay for the Module's output.



Internal Connections (Top View)

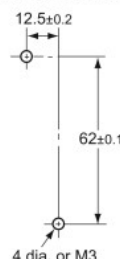


Note: Terminal 1 is positive when the I/O SSR is employed.

### Specifications

Contact resistance	10 mΩ max. (measured at 5 V DC, 1 A)
Dielectric strength	2,000 VAC for 1 minute
Insulation resistance	1,000 MΩ min. (at 500 V)
Vibration resistance	10 to 55 to 10 Hz, 0.5 mm single amplitude (1.0 mm double amplitude)
Shock resistance	1,000 m/s <sup>2</sup>
Ambient temperature	Operating: -40 to 70°C (with no icing or condensation)
Ambient humidity	5% to 85%
Weight	Approx. 28 g

Mounting Hole Dimensions

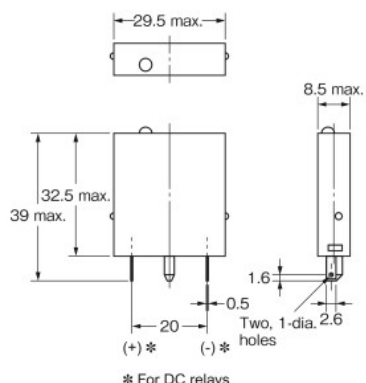


Note: Terminal 1 is positive when the G3TA or Indicator Module is employed.

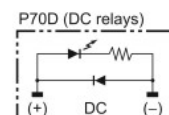
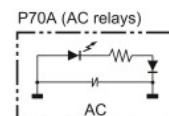
### Indicator Module (With Surge Suppressing Function)

#### P70□

Remove the transparent style strip of the P7TF-05 socket and mount this module and it will function as an operation indicator with the surge suppression.



Internal Connection



(There is no coil polarity for AC relays.)

\* For DC relays