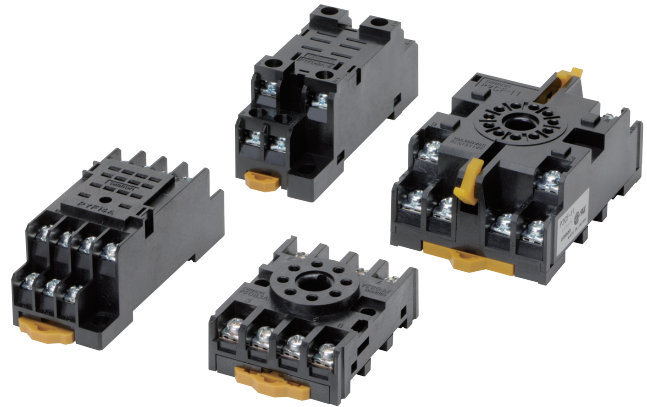# Common Sockets

A Wide Variety of Square and Round Sockets in Front-mounting and Back-mounting Models
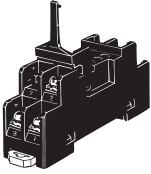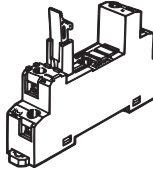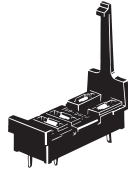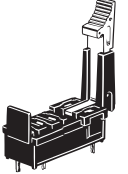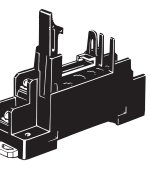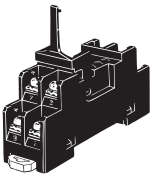
- Models available with finger protection.
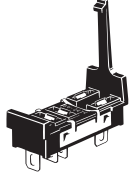- Hold-down Clips and Short Bars for PYFZ/PYF Sockets are also available.
- New screwless models available.

For the most recent information on models that have been certified for safety standards, refer to your OMRON website.

Ordering Information

Square Sockets

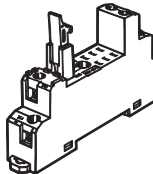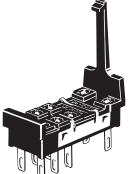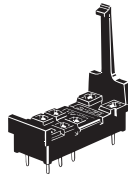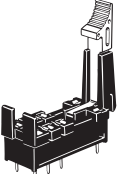| Model / Number of pins	P2RF (front-mounting), page 8			P2R (back-mounting), pages 11 and 12			P7TF (front-mounting), page 12
				Solder terminals	PCB terminals		
5 pins	**P2RF-05** Approx. 27 g	**P2RFZ-05-E** Approx. 30 g	**P2RF-05-E**✽ Approx. 38 g	**P2R-05A** Approx. 5 g	**P2R-05P** Approx. 5 g	**P2R-057P** Approx. 5.5 g	**P7TF-05** Approx. 28 g
8 pins	**P2RF-08** Approx. 33 g	**P2RFZ-08-E** Approx. 38 g	**P2RF-08-E**✽ Approx. 38 g	**P2R-08A** Approx. 5 g	**P2R-08P** Approx. 5 g	**P2R-087P** Approx. 5.5 g	—
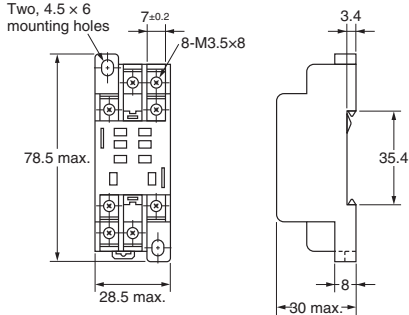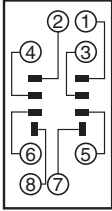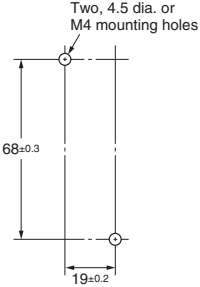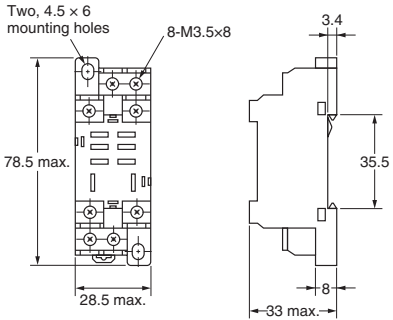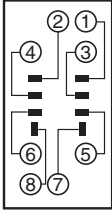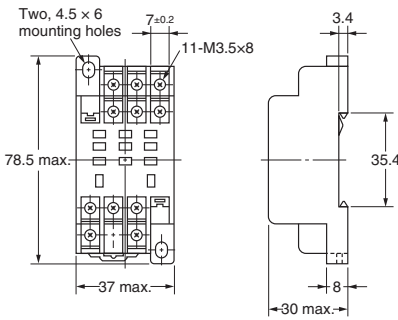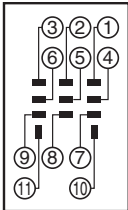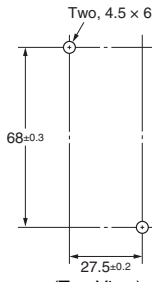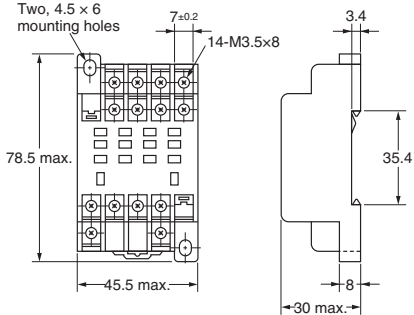
Note: 1. The structure of □-E models provides finger protection. Round terminals cannot be used. Use forked crimp terminals.
2. To remove the Relay, pull the lever on the Socket with your fingers supporting the lever and the opposite side of the Relay case, and jiggle the Relay.
✽ Use a #1 Phillips screwdriver to tighten the screws on this Socket.

PTF

(Unit: mm)

Dimensions	Terminal Arrangement/ Internal Connections	Mounting Hole Dimensions

PTF08A

Two, 4.5 × 6 mounting holes
7±0.2
8-M3.5×8
3.4
78.5 max.
35.4
28.5 max.
8
30 max.

PTF08A-E (Finger Protection Structure)

Two, 4.5 × 6 mounting holes
8-M3.5×8
3.4
78.5 max.
35.5
28.5 max.
8
33 max.

(Top View) — terminals ②①④③⑥⑤⑧⑦

Two, 4.5 dia. or M4 mounting holes
68±0.3
19±0.2
(Top View)

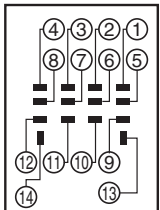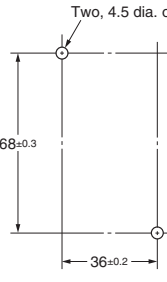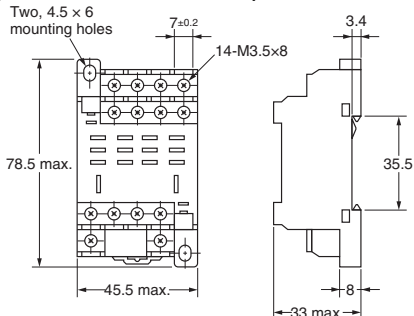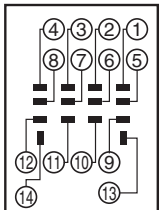**Note:** Track mounting is also possible.

PTF11A

Two, 4.5 × 6 mounting holes
7±0.2
11-M3.5×8
3.4
78.5 max.
35.4
37 max.
8
30 max.

(Top View) — ③②①⑥⑤④⑨⑧⑦⑪⑩

Two, 4.5 × 6 mounting holes
68±0.3
27.5±0.2
(Top View)

Note: Track mounting is also possible.

PTF14A

Two, 4.5 × 6 mounting holes
7±0.2
14-M3.5×8
3.4
78.5 max.
35.4
45.5 max.
8
30 max.

PTF14A-E (Finger Protection Structure)

Two, 4.5 × 6 mounting holes
7±0.2
14-M3.5×8
3.4
78.5 max.
35.5
45.5 max.
8
33 max.

(Top View) — ④③②①⑧⑦⑥⑤⑫⑪⑩⑨⑭⑬

Two, 4.5 dia. or M4 mounting holes
68±0.3
36±0.2
(Top View)

Note: Track mounting is also possible.

Note: If you use the PTF08A, PTF08A-E, or PT08 with an LY1 Relay, connect the following terminal pairs: 1-2, 3-4, and 5-6 (for usage at 10 A or higher).