Power supply terminal for panel

PNP-1-5 （10pcs/pack）

- Please use when supplying power from the panel.
  There are 6 colors. You can color-code each power line.
- Material…Terminal part…Copper
  Screw part…Brass
  Resin part…Nylon9T(UL94V-0)
- Processing…Terminal part…Nickel plating
  Screw part…Nickel plating
- Resin color…BLACK, RED, YELLOW, GREEN, BLUE, WHITE
- Rated current: 65A
- Rated voltage: 2000V AC,DC
- Insulation resistance: 500M Ω or over
- Withstand voltage: 6000V
  AC, DC per minute
- Operating temperature range:
  − 40 to + 125℃
- Board thickness to which a panel can
  be fit : 1.0 to 3.2mm
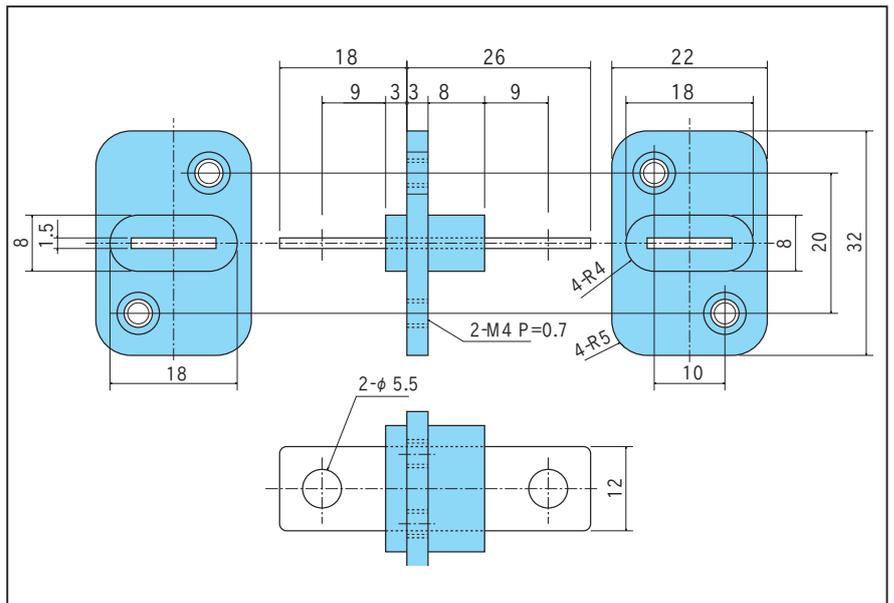
■ How to order

PNP-1-5 RED
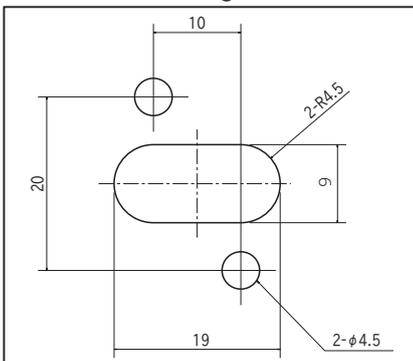
Please specify
the resin color.
(BLACK, RED, YELLOW, GREEN,
 BLUE, WHITE)

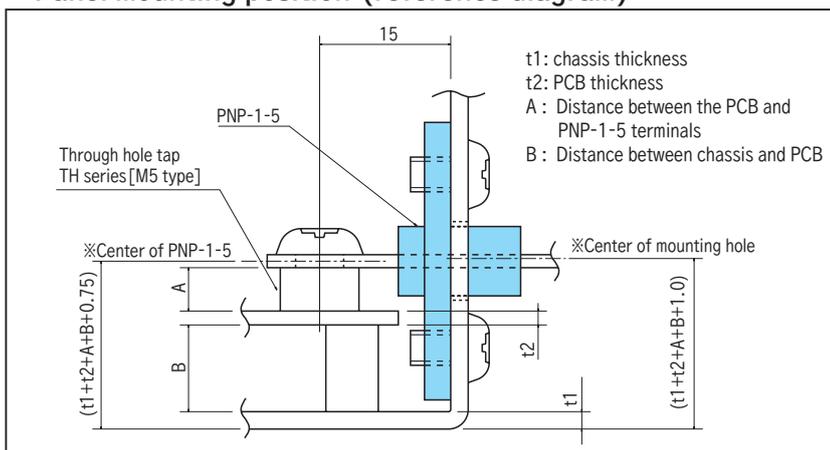### ■ Dimensions

■ Panel mounting hole dimensions

■ Panel mounting position （reference diagram）

t1: chassis thickness
t2: PCB thickness
A : Distance between the PCB and
      PNP-1-5 terminals
B : Distance between chassis and PCB

PNP-1-5

Through hole tap
TH series［M5 type］

※Center of PNP-1-5

※Center of mounting hole
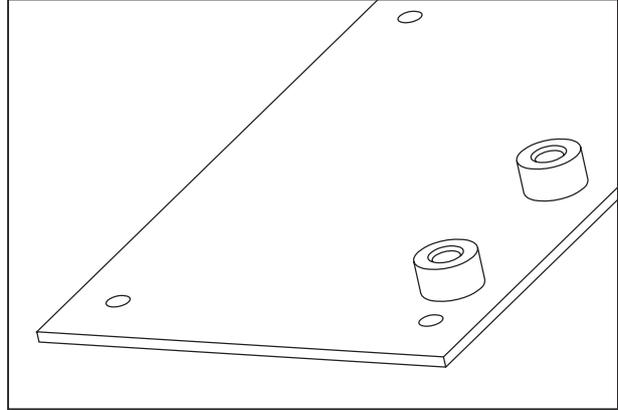

■ Example of usage

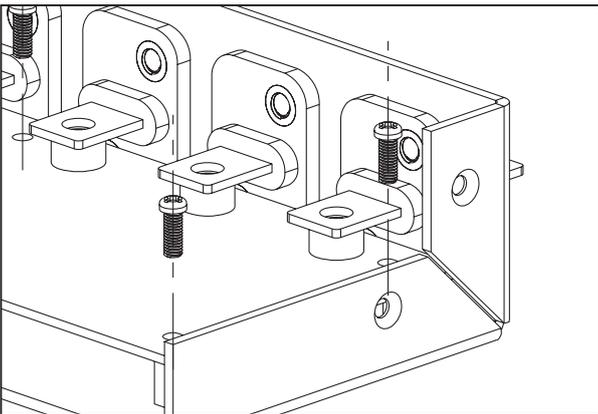Rev. 44526A

■ Usage procedure (reference)

1 (a).
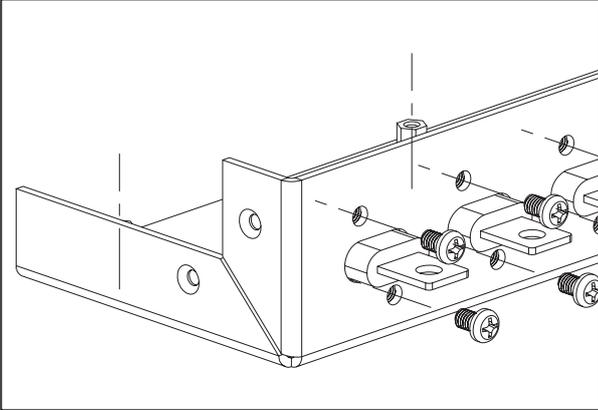
Attach the spacer to the chassis.
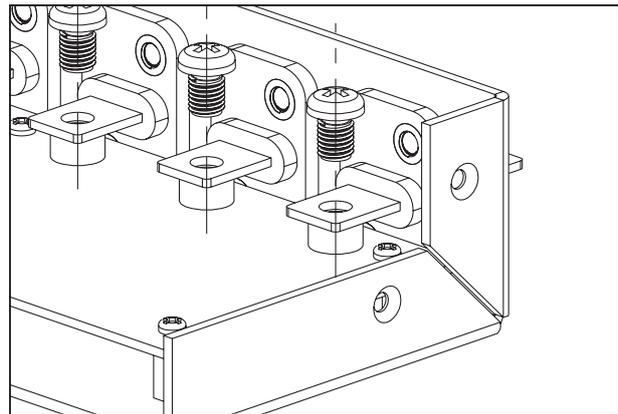Temporarily tighten the screws and attach PNP-5-1
to the panel.

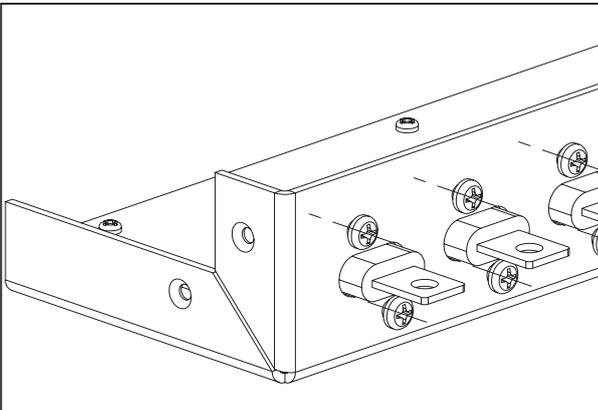1 (b).

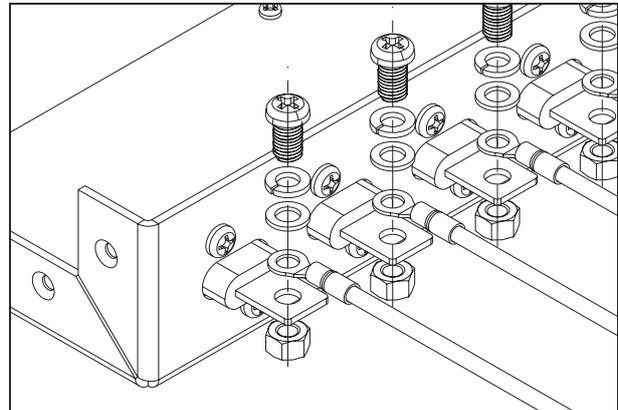Mount a through hole tap 〔M5 type〕 on the PCB.

2.

Screw 1 (b) to 1 (a).

3.

Screw PNP-1-5 to the through hole tap 〔M5 type〕.
*Tightening torque 15kgf-cm (147N-cm) or less.

4.

Fully tighten the screws that were temporarily
tightened in 1 (a) and fix PNP-1-5 to the panel.
※ Tightening torque 8kgf-cm (78.4N-cm) or less.

5.

Fix the wire with the crimp terminal attached with a
nut.