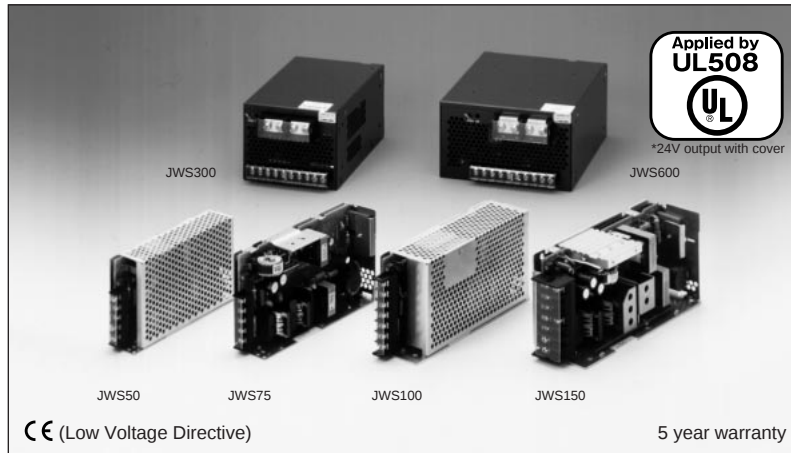




## ■ Model name

**JWS 50-5/**    

Name of series

Nominal output voltage

Output power type

Blank: Open frame, Barrier Strip (JWS300, JWS600 with cover & Barrier Strip)  
 A: With cover, Barrier Strip (JWS50, JWS75, JWS100 & JWS150 only)  
 B: Open frame, Connector terminal (JWS50 & JWS75 only)  
 C: With cover, Connector terminal (JWS50 & JWS75 only)  
 R: With remote on/off control (JWS50 ~ JWS150: Optional) (JWS300, JWS600: Equipped as standard)

## ■ Features

- CE marking (Low Voltage Directive)
- Wide input voltage range: Universal input 85 ~ 265VAC
- PFHC (EN61000-3-2)
- EMI (EN55011-B, EN55022-B, VCCI-B, FCC-B)
- EMC (EN61000-4-2, -3, -4, -5, -6)
- 5 year warranty

## ■ Specifications

|                                  |                                                                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Input voltage range           | 85 ~ 265VAC (47 ~ 63Hz), DC120 ~ 330V universal input                                                                                                                 |
| 2. Power factor                  | 0.99 (typ) 100VAC at full load, 0.95 (typ) 200VAC at full load                                                                                                        |
| 3. Cooling                       | JWS50 ~ JWS150: Convection cooling / JWS300 & JWS600: Forced air cooling by internal fan                                                                              |
| 4. Operating ambient temperature | JWS50 ~ JWS150: -10 ~ +60°C (Standard mounting) Output derating: 100% at -10 ~ +50°C, 60% at +60°C<br>JWS300 ~ JWS600: 100% at -10 ~ +50°C, 60% : +60°C, 55% at +65°C |
| 5. Withstand voltage             | Input-output: 3kVAC, Input-chassis : 2kVAC, Output-chassis: 500VAC for 1 min.                                                                                         |
| 6. EMI                           | Conforms to EN55011-B, EN55022-B, VCCI-class 2 and FCC-B                                                                                                              |
| 7. EMS                           | Conforms to EN55011-B, EN55022-B, VCCI-class 2 and FCC-B                                                                                                              |
| 8. PFHC                          | Conforms to EN61000-3-2 class D                                                                                                                                       |
| 9. Safety standard               | Approved by UL1950 , CSA950 , EN60950 , VDE0160  and UL508  (optional, Note)                                                                                          |
| 10. Functions                    | Over voltage protection, Over current protection, Remote sensing (JWS100 ~ JWS600), Remote on/off control (JWS300 ~ 600)                                              |
| 11. Option                       | Remote on/off control, Input/output connector (JWS50, 75), Cover, Mounting sheet metal                                                                                |

Note: Approved by UL508 for 24V output type only.

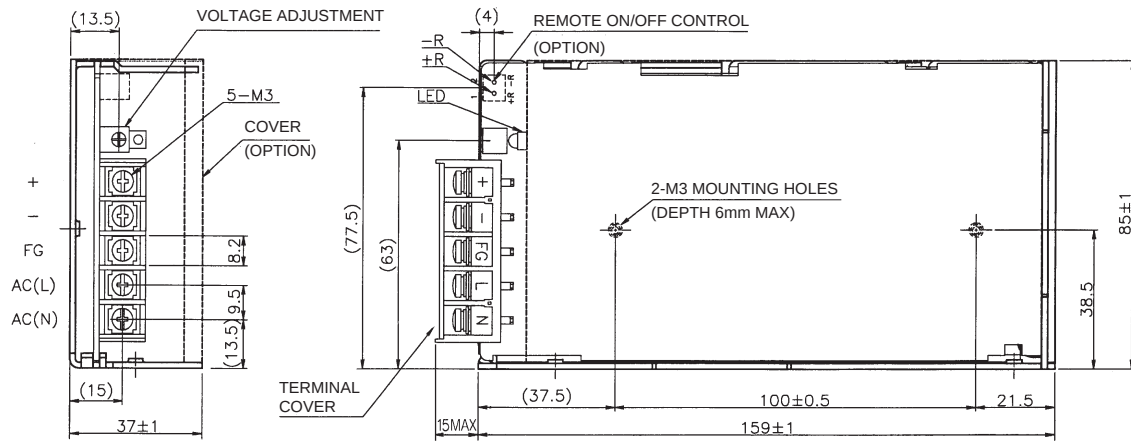
## ■ Product lineup

| Model name |           | Nominal output voltage | Max. output current | Max. output power | UL | CSA | EN |
|------------|-----------|------------------------|---------------------|-------------------|----|-----|----|
| JWS50      | JWS50-3   | 3.3V                   | 10A                 | 33W               | ○  | ○   | ○  |
|            | JWS50-5   | 5V                     | 10A                 | 50W               | ○  | ○   | ○  |
|            | JWS50-12  | 12V                    | 4.3A                | 51.6W             | ○  | ○   | ○  |
|            | JWS50-15  | 15V                    | 3.5A                | 52.5W             | ○  | ○   | ○  |
|            | JWS50-24  | 24V                    | 2.2A                | 52.8W             | ○  | ○   | ○  |
| JWS75      | JWS75-3   | 3.3V                   | 15A                 | 49.5W             | ○  | ○   | ○  |
|            | JWS75-5   | 5V                     | 15A                 | 75W               | ○  | ○   | ○  |
|            | JWS75-12  | 12V                    | 6.3A                | 75.6W             | ○  | ○   | ○  |
|            | JWS75-15  | 15V                    | 5.0A                | 75W               | ○  | ○   | ○  |
|            | JWS75-24  | 24V                    | 3.2A                | 76.8W             | ○  | ○   | ○  |
| JWS100     | JWS100-3  | 3.3V                   | 20A                 | 66W               | ○  | ○   | ○  |
|            | JWS100-5  | 5V                     | 20A                 | 100W              | ○  | ○   | ○  |
|            | JWS100-12 | 12V                    | 8.5A                | 102W              | ○  | ○   | ○  |
|            | JWS100-15 | 15V                    | 7.0A                | 105W              | ○  | ○   | ○  |
|            | JWS100-24 | 24V                    | 4.5A                | 108W              | ○  | ○   | ○  |
| JWS150     | JWS150-3  | 3.3V                   | 30A                 | 99W               | ○  | ○   | ○  |
|            | JWS150-5  | 5V                     | 30A                 | 150W              | ○  | ○   | ○  |
|            | JWS150-12 | 12V                    | 13A                 | 156W              | ○  | ○   | ○  |
|            | JWS150-15 | 15V                    | 10A                 | 150W              | ○  | ○   | ○  |
|            | JWS150-24 | 24V                    | 6.5A                | 156W              | ○  | ○   | ○  |
| JWS300     | JWS300-2  | 2V                     | 60A                 | 120W              | ○  | ○   | ○  |
|            | JWS300-3  | 3.3V                   | 60A                 | 198W              | ○  | ○   | ○  |
|            | JWS300-5  | 5V                     | 60A                 | 300W              | ○  | ○   | ○  |
|            | JWS300-12 | 12V                    | 27A                 | 324W              | ○  | ○   | ○  |
|            | JWS300-15 | 15V                    | 22A                 | 330W              | ○  | ○   | ○  |
| JWS600     | JWS600-2  | 2V                     | 120A                | 240W              | ○  | ○   | ○  |
|            | JWS600-3  | 3.3V                   | 120A                | 396W              | ○  | ○   | ○  |
|            | JWS600-5  | 5V                     | 120A                | 600W              | ○  | ○   | ○  |
|            | JWS600-12 | 12V                    | 53A                 | 636W              | ○  | ○   | ○  |
|            | JWS600-15 | 15V                    | 43A                 | 645W              | ○  | ○   | ○  |
| JWS600     | JWS600-24 | 24V                    | 27A                 | 648W              | ○  | ○   | ○  |
|            | JWS600-48 | 48V                    | 13A                 | 624W              | ○  | ○   | ○  |

- Request customer specification for further details of specification, outline, characteristics, etc. Read the instruction manual before usage.
- Contact us about delivery before ordering.

○ : Safety standard approved

## ■ JWS50 (50W type)



### ● Recommended Noise Filter

MAW-1202-22



P134

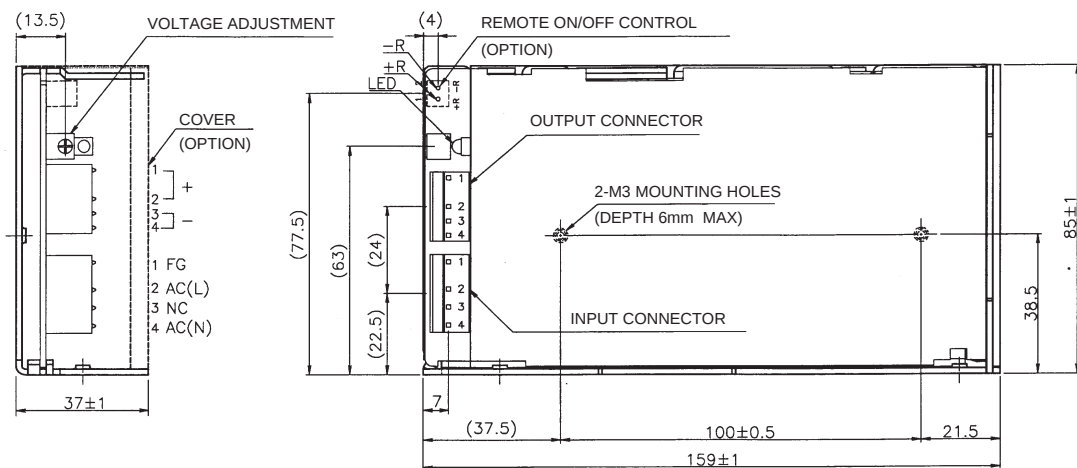
### ● Recommended Power Supply Fixture



P198

(Unit: mm)

## ■ JWS50 (50W connector type)



### ● Recommended Noise Filter

MAW-1202-22



P134

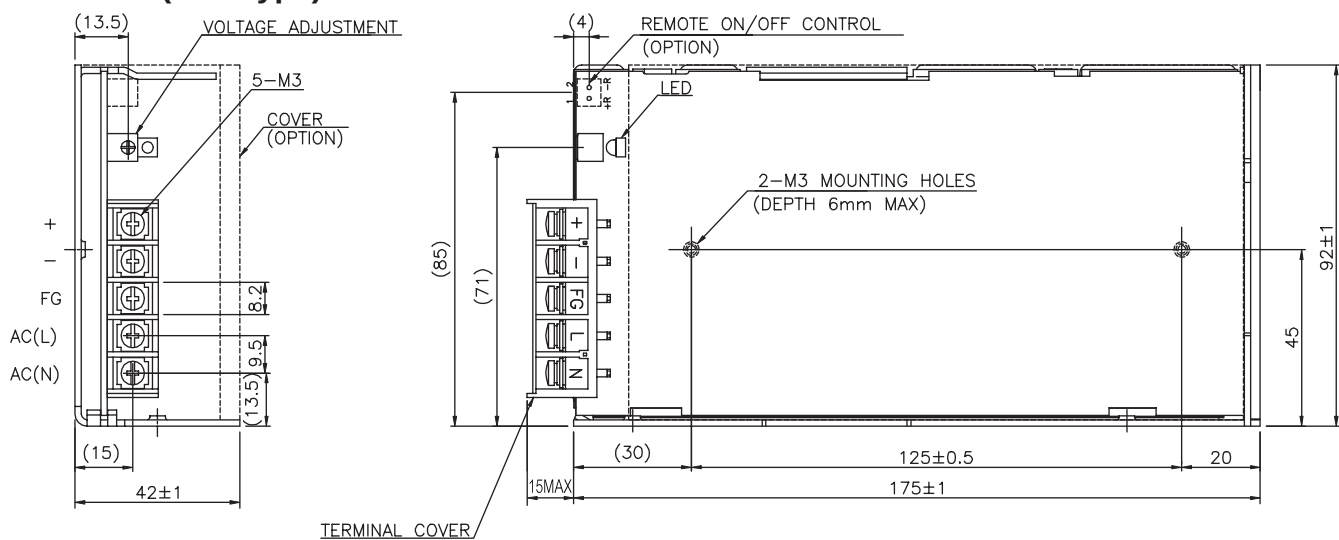
### ● Recommended Power Supply Fixture



P198

(Unit: mm)

## ■ JWS75 (75W type)



### ● Recommended Noise Filter MAW-1202-22

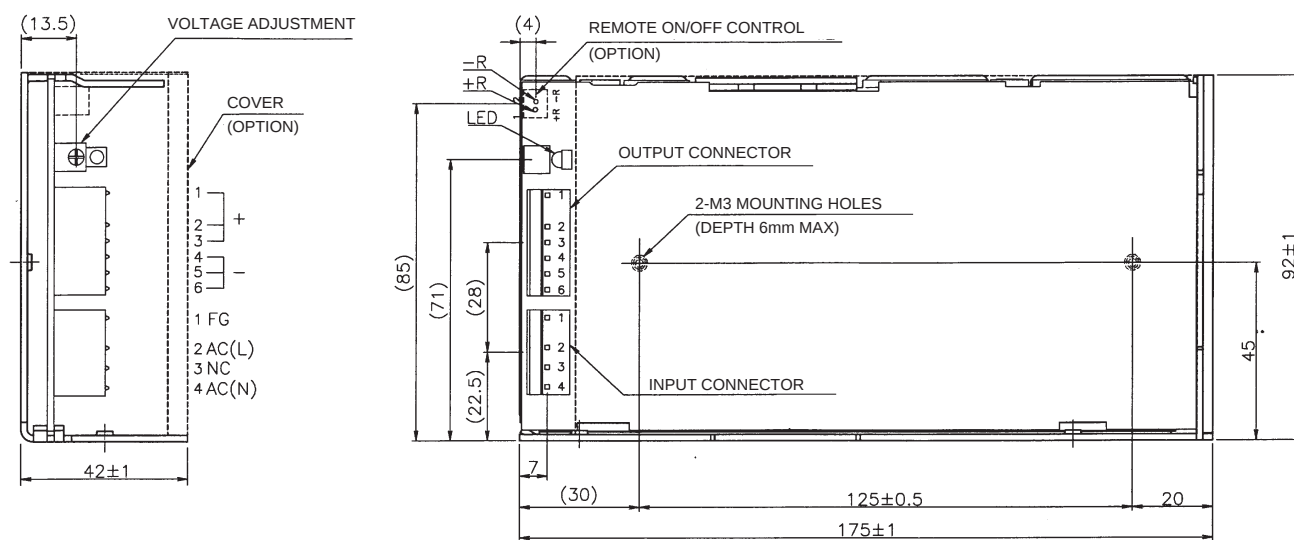


P134

### ● Recommended Power Supply Fixture P198

(Unit: mm)

## ■ JWS75 (75W connector type)



### ● Recommended Noise Filter MAW-1202-22



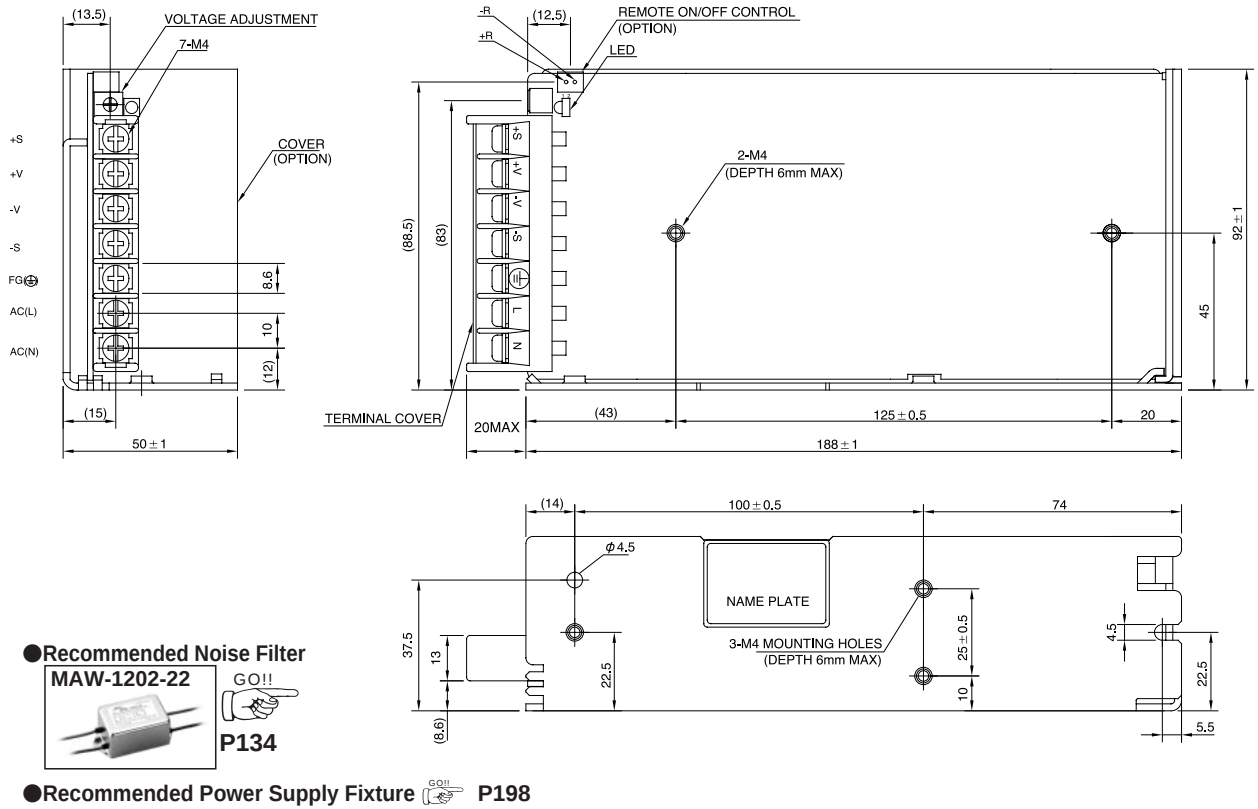
P134

### ● Recommended Power Supply Fixture P198

(Unit: mm)

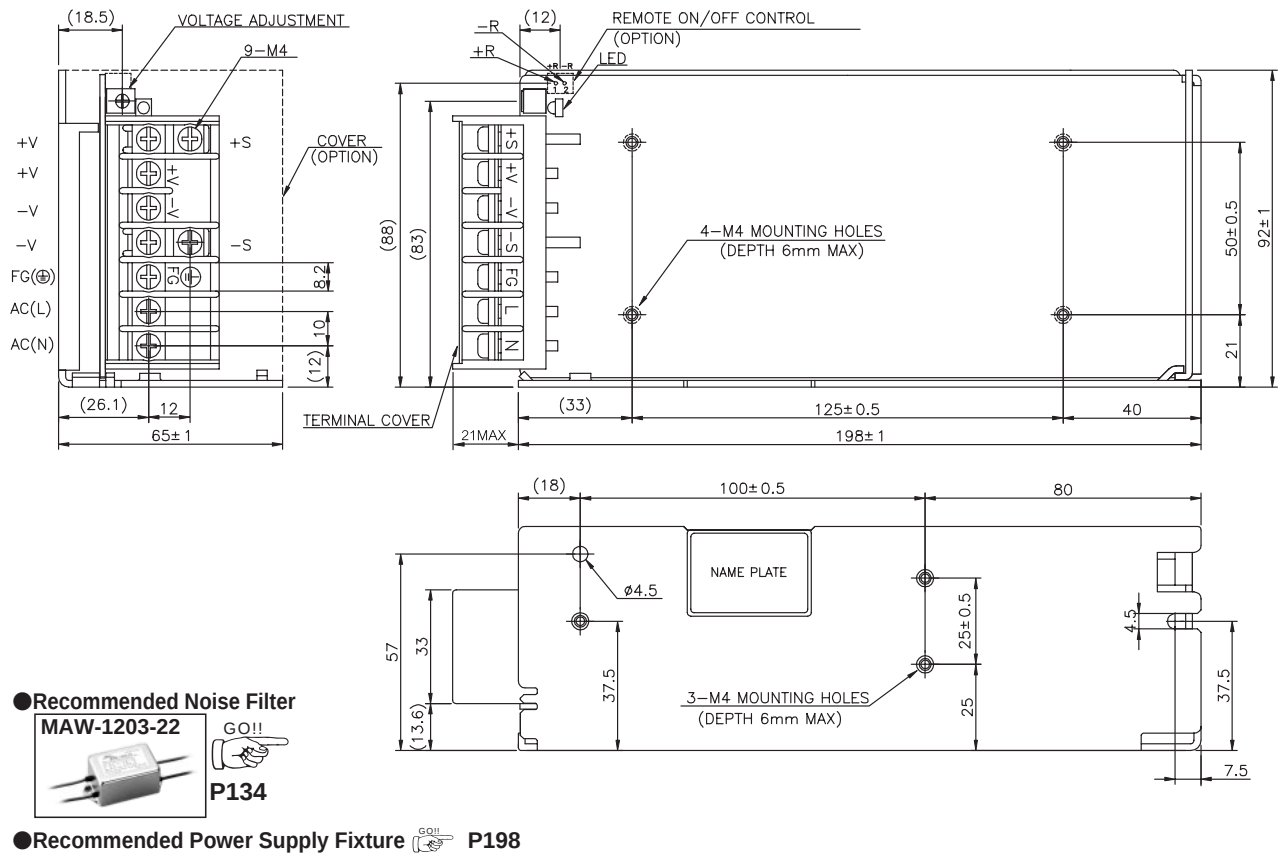
# JWS-SERIES

## ■ JWS100 (100W type)



(Unit: mm)

## ■ JWS150 (150W)

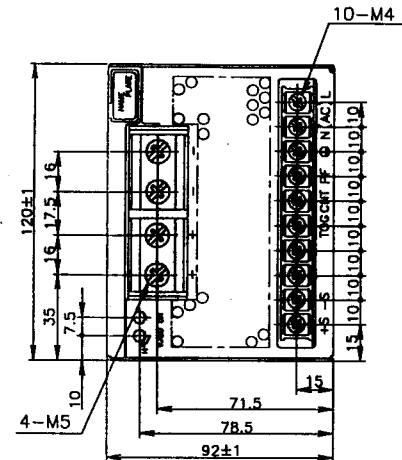
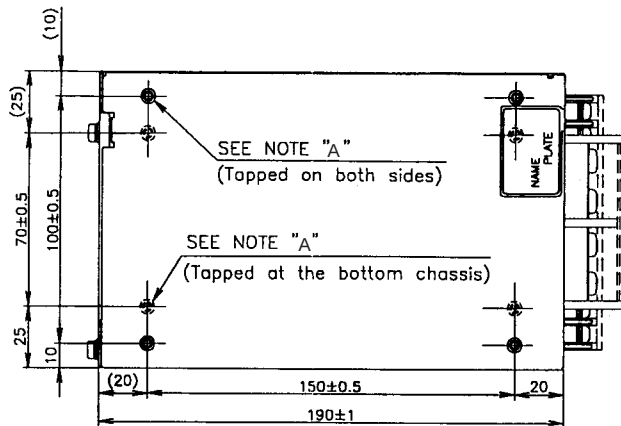


(Unit: mm)

# JWS-SERIES

**LAMBDA**  
DENSEI-LAMBDA

## ■ JWS300 (300W type)



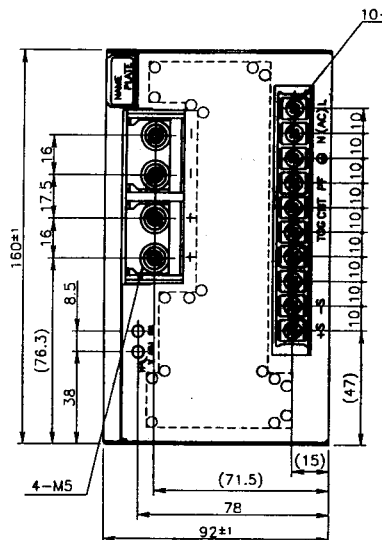
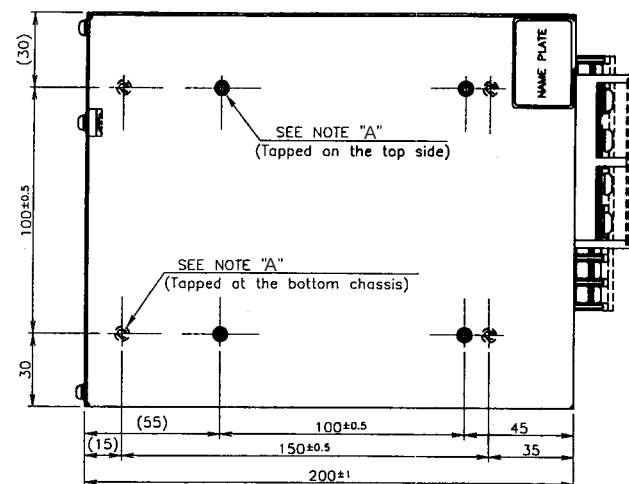
NOTE A: M4 tapped holes (20) for customer chassis mounting.  
[Screws must not protrude into power supply by more than 6m/m.]

### ● Recommended Noise Filter



(Unit: mm)

## ■ JWS600 (600W)



NOTE A: M4 tapped holes (16) for customer chassis mounting.  
[Screws must not protrude into power supply by more than 6m/m.]

### ● Recommended Noise Filter



(Unit: mm)