

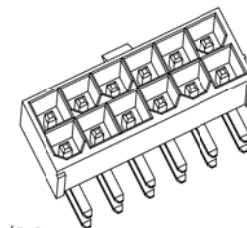
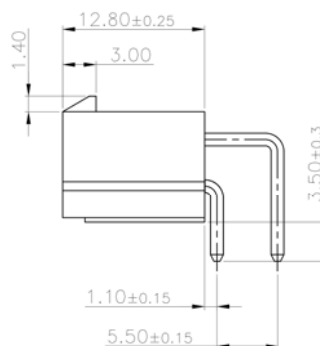
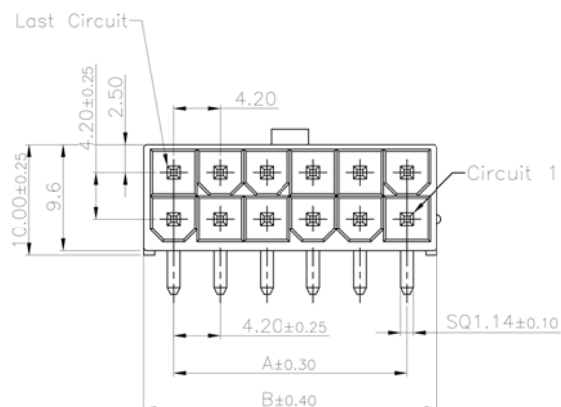
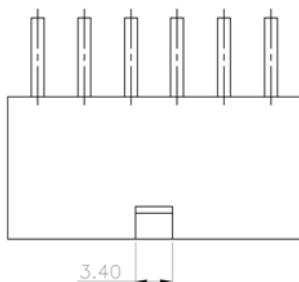
1

2

3

4

5



#### Specifications:

Current Rating: 4.5~11.5A AC/DC

Voltage Rating: 600V AC/DC

Contact Resistance: 10m ohm. Max.

Insulation Resistance: 1000M ohm. Min.

Withstanding Voltage: 1500V AC For One Minute

Operating Temperature Range: -40°C To +105°C

#### Materials:

Insulator: Nylon66 (UL94V-0)

Insulator Color: White

Terminal: Brass

Plating: Tin Plated

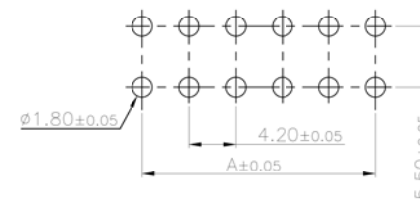
#### Dimension Information:

| Circuits | Dim A | Dim B | Circuits | Dim A | Dim B |
|----------|-------|-------|----------|-------|-------|
| 2        | —     | 5.4   | 14       | 25.2  | 30.6  |
| 4        | 4.2   | 9.6   | 16       | 29.4  | 34.8  |
| 6        | 8.4   | 13.8  | 18       | 33.6  | 39.0  |
| 8        | 12.6  | 18.0  | 20       | 37.8  | 43.2  |
| 10       | 16.8  | 22.2  | 22       | 42.0  | 47.4  |
| 12       | 21.0  | 26.4  | 24       | 46.2  | 51.6  |

#### MAXIMUM CURRENT RATING:

| WIRE-TO-WIRE |                        |      |     |       |          |          |
|--------------|------------------------|------|-----|-------|----------|----------|
| WIRE SIZE    | Dual Row Circuit Sizes |      |     |       |          |          |
|              | 2                      | 4    | 6,8 | 10,12 | 14,16,18 | 20,22,24 |
| 16 AWG       | 12A                    | 11A  | 10A | 9.5A  | 9A       | 8.5A     |
| 18 AWG       | 10A                    | 9A   | 8A  | 7.5A  | 7A       | 6.5A     |
| 20 AWG       | 8.5A                   | 7.5A | 7A  | 6.5A  | 6A       | 5.5A     |

| WIRE-TO-BOARD |                        |       |      |       |          |          |
|---------------|------------------------|-------|------|-------|----------|----------|
| WIRE SIZE     | Dual Row Circuit Sizes |       |      |       |          |          |
|               | 2                      | 4     | 6,8  | 10,12 | 14,16,18 | 20,22,24 |
| 16 AWG        | 11.5A                  | 10.5A | 9A   | 8A    | 7.5A     | 7A       |
| 18 AWG        | 9.5A                   | 8.5A  | 7.5A | 7A    | 6.5A     | 6A       |
| 20 AWG        | 8A                     | 7A    | 6A   | 5.5A  | 5A       | 4.5A     |



#### RECOMMENDED P.C.B. LAYOUT

RoHS Compliant

DRAWN:  
Jamie Wang

CHECKED:

APPROVAL:  
Rory Chen

#### GENERAL TOLERANCE:

.X=±0.40  
.XX=±0.30

UNIT: MM

SCALE: 1:1

SHEET: 1 / 4

PROJECTION:

# CnC Tech

Industrial Cable and Connector Technology

DESCRIPTION:

CONN HEADER R/A DUAL 94V-0

PART NO:

4282-1-0200-XX-SP

SIZE

A4

|     |             |      |            |
|-----|-------------|------|------------|
|     |             |      |            |
| B   | 04-Dec-2023 |      | Zongyi     |
| A   | 10-Jan-2020 |      | Jamie Wang |
| REV | DATE        | FILE | BY         |

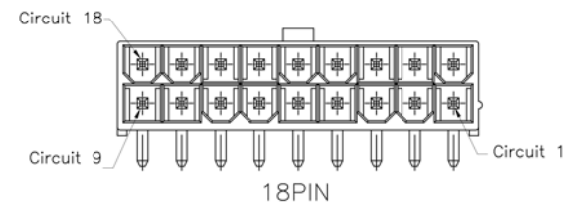
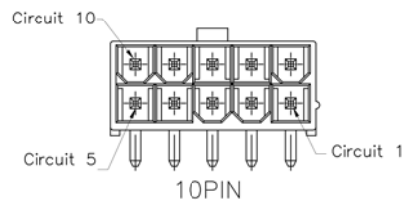
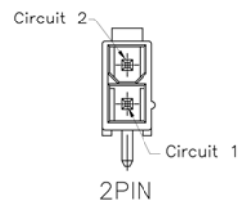
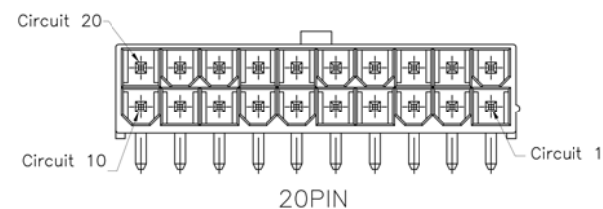
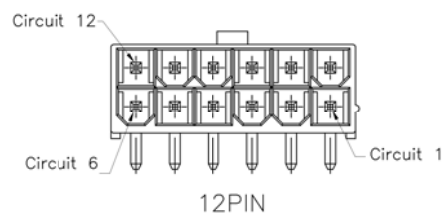
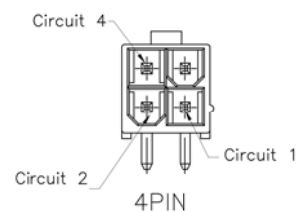
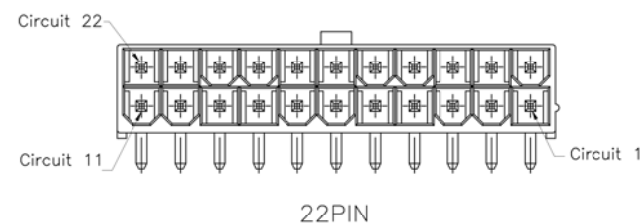
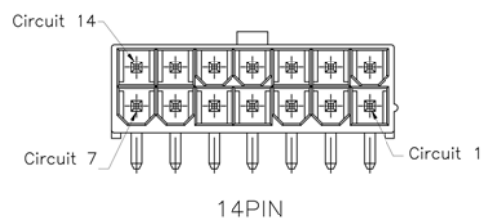
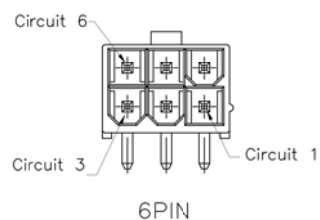
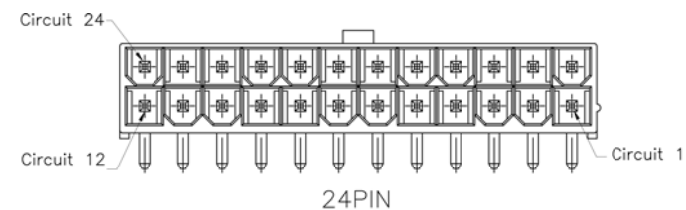
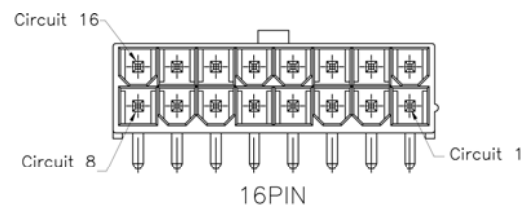
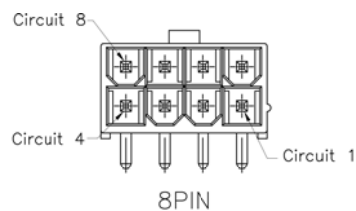
1

2

3

4

5



2~24P Protection Key Drawing(Ref.)

RoHS Compliant

|     |             |      |            |            |                       |                                                              |      |
|-----|-------------|------|------------|------------|-----------------------|--------------------------------------------------------------|------|
|     |             |      |            | DRAWN:     | GENERAL TOLERANCE:    | <b>CnC Tech</b><br>Industrial Cable and Connector Technology |      |
|     |             |      |            | Jamie Wang | .X=±0.40<br>.XX=±0.30 |                                                              |      |
|     |             |      |            | CHECKED:   | UNIT: MM              | DESCRIPTION:                                                 | SIZE |
| B   | 04-Dec-2023 |      | Zongyi     |            | SCALE:1:1             | CONN HEADER R/A DUAL 94V-0                                   | A4   |
| A   | 10-Jan-2020 |      | Jamie Wang | APPROVAL:  | SHEET: 2 / 4          | PART NO:                                                     |      |
| REV | DATE        | FILE | BY         | Rory Chen  | PROJECTION:           | 4282-1-0200-XX-SP                                            |      |

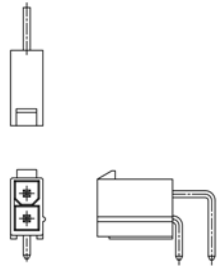
1

2

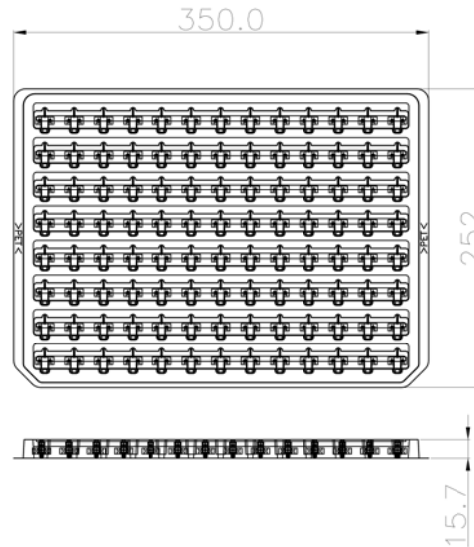
3

4

5



4282-1-0200-02-SP



Note:

1.Dimension:

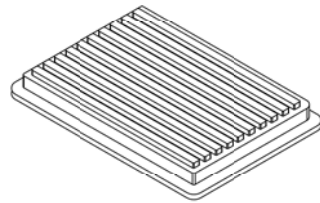
Tray Size:350(L)x252(W)x15.7(H) (mm)

Carton Size:360(L)x270(W)x300(H) (mm)

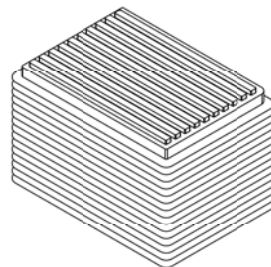
2.Quantity:

18 Tray/Carton

| Pin | Pcs/Tray | Tray/Carton | Pcs/Carton |
|-----|----------|-------------|------------|
| 2   | 104      | 18          | 1872       |



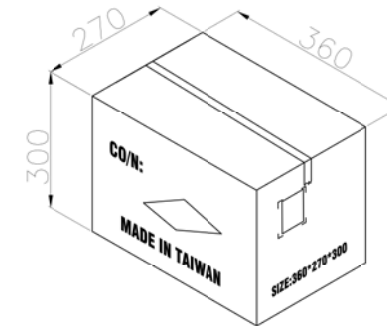
Tray



18Trays

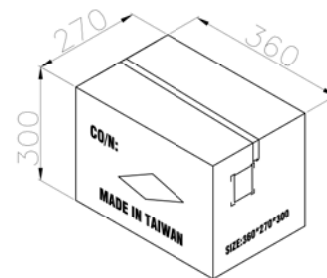
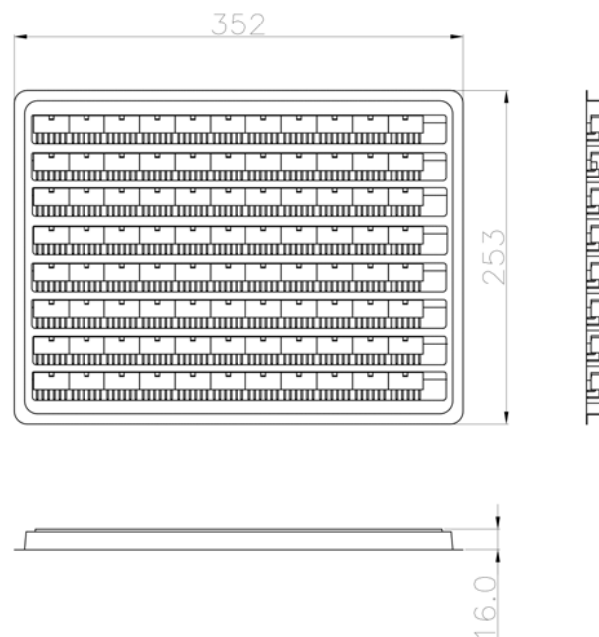
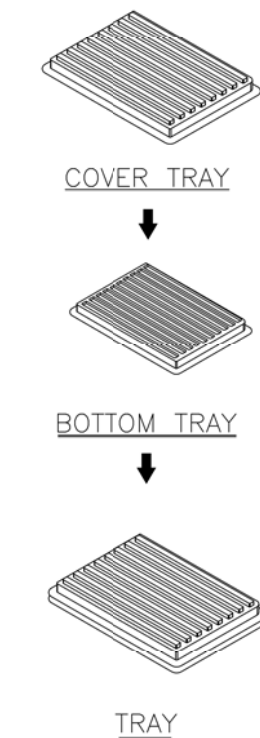


Carton



Carton

|     |             |      |           |           |                      |                                                              |      |
|-----|-------------|------|-----------|-----------|----------------------|--------------------------------------------------------------|------|
|     |             |      |           | DRAWN:    | GENERAL TOLERANCE:   | <b>CnC Tech</b><br>Industrial Cable and Connector Technology |      |
|     |             |      |           | Miller Yu | .X=±0.2<br>.XX=±0.15 |                                                              |      |
|     |             |      |           | CHECKED:  | UNIT: MM             | DESCRIPTION:                                                 | SIZE |
| B   | 04-Dec-2023 |      | Zongyi    |           | SCALE:               | CONN HEADER R/A DUAL 94V-0 PACKING                           |      |
| A   | 10-Jan-2020 |      | Miller Yu | APPROVAL: | SHEET: 3 / 4         | PART NO:                                                     | A4   |
| REV | DATE        | FILE | BY        | Mike Wu   | PROJECTION:          | 4282-1-0200-XX-SP                                            |      |



| Pin | PCS/Tray | Tray/Carton | PCS/Carton |
|-----|----------|-------------|------------|
| 4   | 248      | 18          | 4464       |
| 6   | 176      | 18          | 3168       |
| 8   | 136      | 18          | 2448       |
| 10  | 112      | 18          | 2016       |
| 12  | 88       | 18          | 1584       |
| 14  | 80       | 18          | 1440       |
| 16  | 72       | 18          | 1296       |
| 18  | 64       | 18          | 1152       |
| 20  | 56       | 18          | 1008       |
| 22  | 48       | 18          | 864        |
| 24  | 48       | 18          | 864        |

# CnC Tech

Industrial Cable and Connector Technology