

## 2.00mm(.079") HOUSING

### MATERIAL

Insulator: Nylon 66 UL 94V-0

Color: White

### SPECIFICATIONS

Temperature range: -25°C ~ +85°C

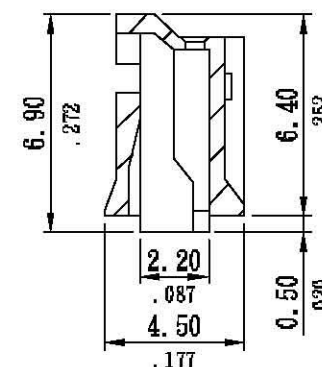
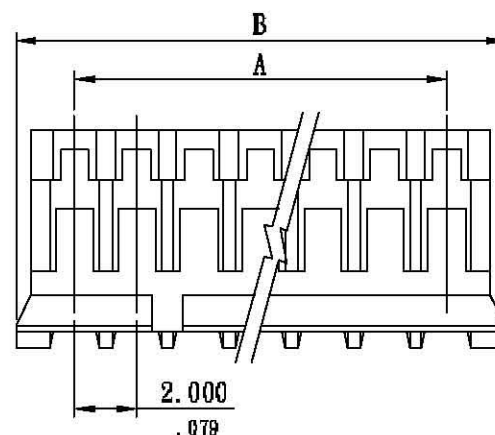
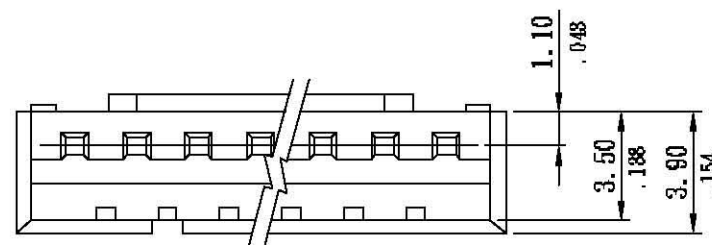
Current rating: 2.0A

Voltage rating: 250V AC

Dielectric withstand voltage: 800V AC

Insulation resistance: 1000 MΩ min.

Contact resistance: 0.02Ω max.



### Dimensional Information

| Circuits | Dim. A       | Dim. B       | Circuits | Dim. A       | Dim. B       |
|----------|--------------|--------------|----------|--------------|--------------|
| 2        | 2.00(0.079)  | 5.80(0.228)  | 10       | 18.00(0.709) | 21.80(0.858) |
| 3        | 4.00(0.157)  | 7.80(0.307)  | 11       | 20.00(0.787) | 23.80(0.937) |
| 4        | 6.00(0.236)  | 9.80(0.386)  | 12       | 22.00(0.866) | 25.80(1.016) |
| 5        | 8.00(0.315)  | 11.80(0.465) | 13       | 24.00(0.945) | 27.80(1.094) |
| 6        | 10.00(0.394) | 13.80(0.543) | 14       | 26.00(1.024) | 29.80(1.173) |
| 7        | 12.00(0.472) | 15.80(0.622) | 15       | 28.00(1.102) | 31.80(1.252) |
| 8        | 14.00(0.551) | 17.80(0.701) | 16       | 30.00(1.181) | 33.80(1.331) |
| 9        | 16.00(0.630) | 19.80(0.780) |          |              |              |

Chang Enn Co., Ltd.

長 榮 有 限 公 司

CHECKED

APPROVED

SCALE: 1:4

REV NO

DATE

DESCRIPTION

BY

CHECKED

TOLERANCE UNLESS NOTED

UNIT: mm(.in.)

DRAWN NAME

DATE

CAD NO

89.08.08

5500

DWG NAME

PNI04-H

LINEAR±

.00 ±0.20(.012)

.00 ±0.20(.008)

.00 ±0.10(.004)



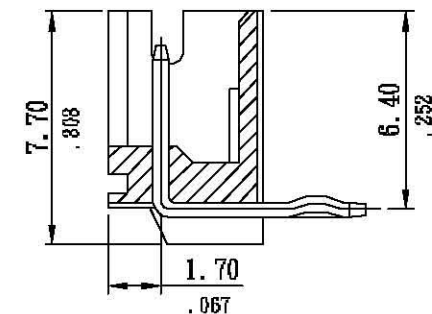
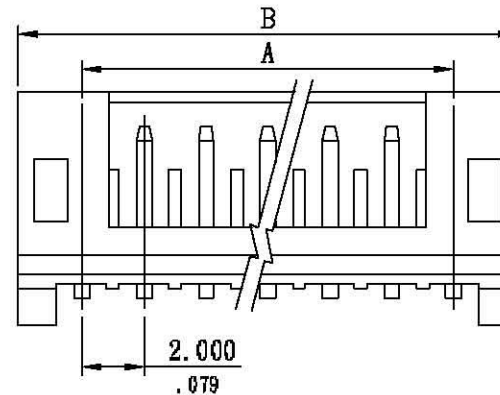
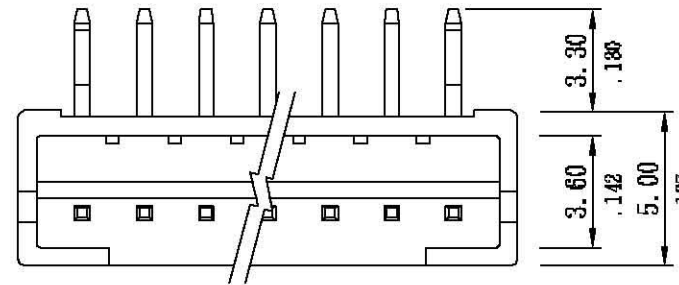
## 2.00mm(.079") WAFER 90°

### MATERIAL

Insulator: Nylon 66 UL 94V-0  
 Color: white  
 Contact: Brass 0.50mm(.020") square wire pins  
 Plating: Tin plated

### SPECIFICATIONS

Temperature range: -25°C ~ +85°C  
 Current rating: 2.0A  
 Voltage rating: 250V AC  
 Dielectric withstand voltage: 800V AC  
 Insulation resistance: 1000 MΩ min.  
 Contact resistance: 0.02Ω max.



### Dimensional Information

| Circuits | Dim. A       | Dim. B       | Circuits | Dim. A       | Dim. B       |
|----------|--------------|--------------|----------|--------------|--------------|
| 2        | 2.00(0.079)  | 6.04(0.238)  | 10       | 18.00(0.709) | 22.10(0.870) |
| 3        | 4.00(0.157)  | 8.04(0.317)  | 11       | 20.00(0.787) | 24.10(0.949) |
| 4        | 6.00(0.236)  | 10.04(0.395) | 12       | 22.00(0.866) | 26.12(1.028) |
| 5        | 8.00(0.315)  | 12.04(0.474) | 13       | 24.00(0.945) | 28.12(1.107) |
| 6        | 10.00(0.394) | 14.06(0.554) | 14       | 26.00(1.024) | 30.14(1.187) |
| 7        | 12.00(0.472) | 16.06(0.632) | 15       | 28.00(1.102) | 32.14(1.265) |
| 8        | 14.00(0.551) | 18.08(0.712) | 16       | 30.00(1.181) | 34.14(1.344) |
| 9        | 16.00(0.630) | 20.08(0.791) |          |              |              |

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DWG NAME PNI04-WR

CHECKED

APPROVED

SCALE: 1:4

REV NO

DATE

DESCRIPTION

BY

CHECKED

TOLERANCE UNLESS NOTED

UNIT: mm(in.)

DRAWN NAME

DATE

CAD NO

89.06.08

5501 1-2

LINEAR±

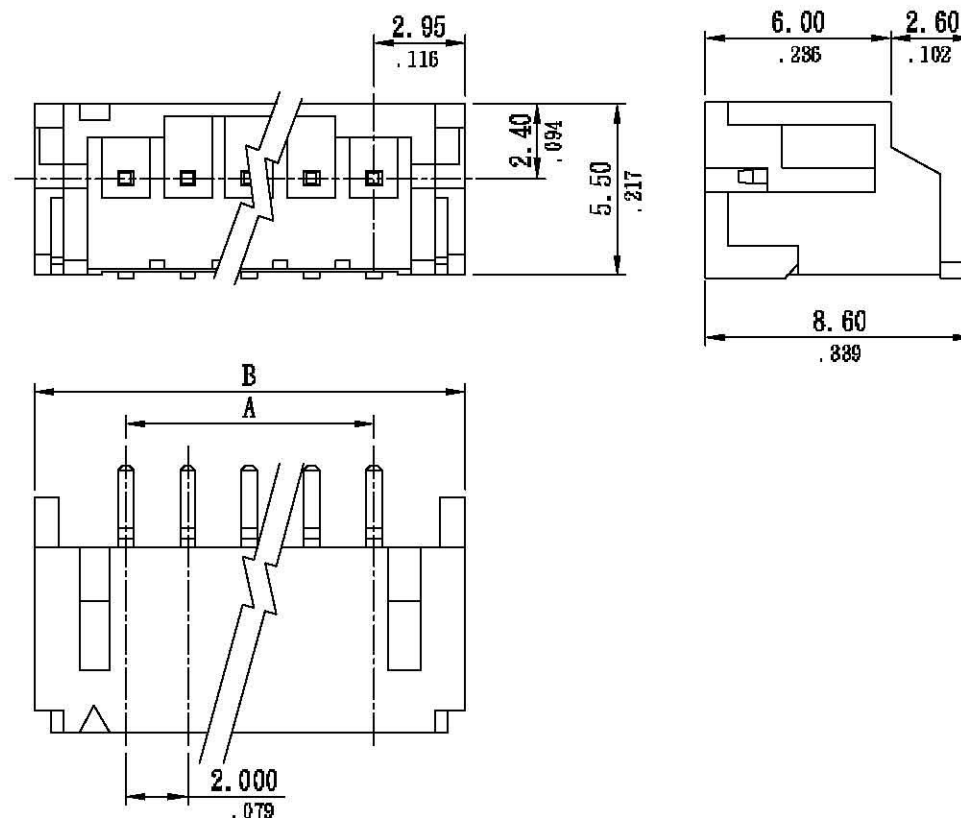
.0 ±0.20(.012)  
 .00 ±0.20(.008)  
 .000±0.10(.004)

## MATERIAL.

Insulator: Nylon 46 UL 94V-0  
Color: Beige  
Contact: Brass 0.50mm(.020") square wire pins  
Plating: Tin plated

## SPECIFICATIONS

|                               |               |
|-------------------------------|---------------|
| Temperature range:            | -25°C ~ +85°C |
| Current rating:               | 2.0A          |
| Voltage rating:               | 100V AC       |
| Dielectric withstand voltage: | 800V AC       |
| Insulation resistance:        | 1000 MΩ min.  |
| Contact resistance:           | 0.02Ω max.    |



## Dimensional Information

| Circuits | Dim. A       | Dim. B       | Circuits | Dim. A       | Dim. B       |
|----------|--------------|--------------|----------|--------------|--------------|
| 2        | 2.00(0.079)  | 7.90(0.311)  | 10       | 18.00(0.709) | 23.90(0.941) |
| 3        | 4.00(0.157)  | 9.90(0.390)  | 11       | 20.00(0.787) | 25.90(1.020) |
| 4        | 6.00(0.236)  | 11.90(0.469) | 12       | 22.00(0.866) | 27.90(1.098) |
| 5        | 8.00(0.315)  | 13.90(0.547) | 13       | 24.00(0.945) | 29.90(1.177) |
| 6        | 10.00(0.394) | 15.90(0.626) | 14       | 26.00(1.024) | 31.90(1.256) |
| 7        | 12.00(0.472) | 17.90(0.705) | 15       | 28.00(1.102) | 33.90(1.335) |
| 8        | 14.00(0.551) | 19.90(0.783) | 16       | 30.00(1.181) | 35.90(1.413) |
| 9        | 16.00(0.630) | 21.90(0.862) |          |              |              |

|                                    |           |            |            |               |      |             |    |         |                                                                 |  |
|------------------------------------|-----------|------------|------------|---------------|------|-------------|----|---------|-----------------------------------------------------------------|--|
| Chang Enn Co., Ltd.<br>長 榮 有 限 公 司 | CHECKED   | APPROVED   | SCALE: 1:4 | REV NO        | DATE | DESCRIPTION | BY | CHECKED | TOLERANCE UNLESS NOTED                                          |  |
|                                    |           |            | UNIT: mm   |               |      |             |    |         | LINEAR±<br>.0 ±0.20(.012)<br>.00 ±0.20(.008)<br>.003±0.10(.004) |  |
| DWG NAME                           | PNI04-WRM | DRAWN NAME | DATE       | CAD NO        |      |             |    |         |                                                                 |  |
|                                    |           |            | 92.05.22   | 5501-xxTR-SMT |      |             |    |         |                                                                 |  |

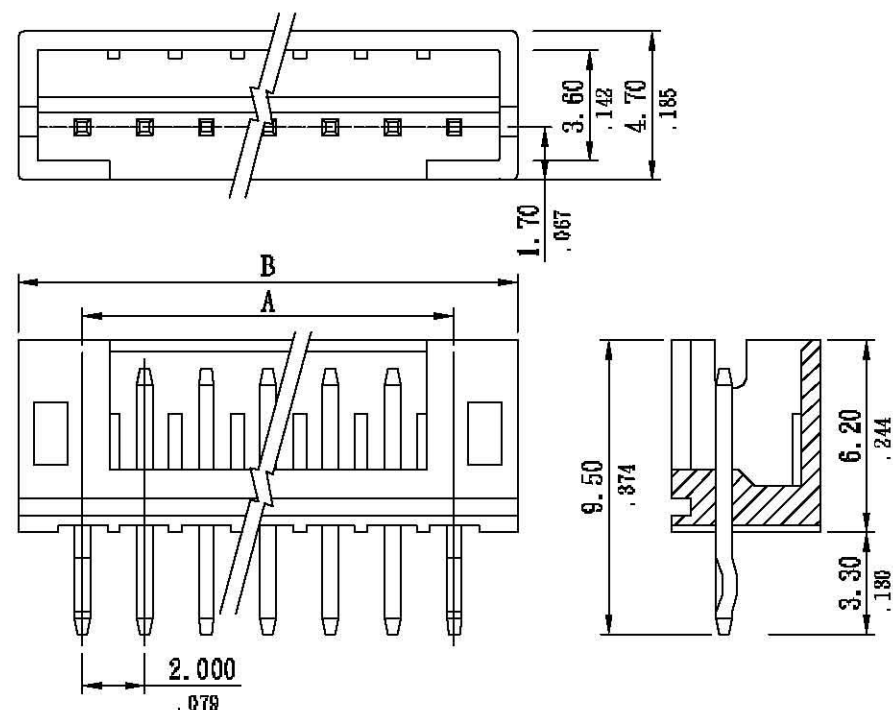
## 2.00mm(.079") WAFER 180°

### MATERIAL

Insulator: Nylon 66 UL 94V-0  
 Color: white  
 Contact: Brass 0.50mm(.020") square wire pins  
 Plating: Tin plated

### SPECIFICATIONS

Temperature range: -25°C ~ +85°C  
 Current rating: 2.0A  
 Voltage rating: 250V AC  
 Dielectric withstand voltage: 800V AC  
 Insulation resistance: 1000 MΩ min.  
 Contact resistance: 0.02Ω max.



### Dimensional Information

| Circuits | Dim. A       | Dim. B       | Circuits | Dim. A       | Dim. B       |
|----------|--------------|--------------|----------|--------------|--------------|
| 2        | 2.00(0.079)  | 6.02(0.237)  | 10       | 18.00(0.709) | 22.18(0.873) |
| 3        | 4.00(0.157)  | 8.04(0.317)  | 11       | 20.00(0.787) | 24.20(0.953) |
| 4        | 6.00(0.236)  | 10.06(0.396) | 12       | 22.00(0.866) | 26.22(1.032) |
| 5        | 8.00(0.315)  | 12.08(0.476) | 13       | 24.00(0.945) | 28.24(1.112) |
| 6        | 10.00(0.394) | 14.10(0.555) | 14       | 26.00(1.024) | 30.26(1.191) |
| 7        | 12.00(0.472) | 16.12(0.635) | 15       | 28.00(1.102) | 32.28(1.271) |
| 8        | 14.00(0.551) | 18.14(0.714) | 16       | 30.00(1.181) | 34.30(1.350) |
| 9        | 16.00(0.630) | 20.16(0.794) |          |              |              |

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DWG NAME PNI04-WS

| CHECKED    | APPROVED | SCALE: 1:4    | REV NO | DATE | DESCRIPTION | BY | CHECKED | TOLERANCE UNLESS NOTED |                |
|------------|----------|---------------|--------|------|-------------|----|---------|------------------------|----------------|
|            |          | UNIT: mm(in.) |        |      |             |    |         | LINEAR                 | .3 ±.30(.012)  |
| DRAWN NAME | DATE     | CAD NO        |        |      |             |    |         |                        | .30 ±.30(.012) |
|            | 89.06.08 | 5501 1-1      |        |      |             |    |         |                        | .003±.10(.004) |

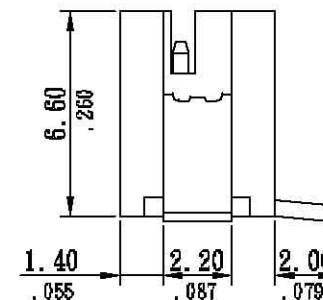
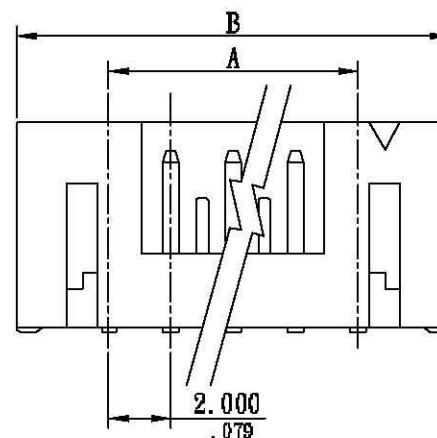
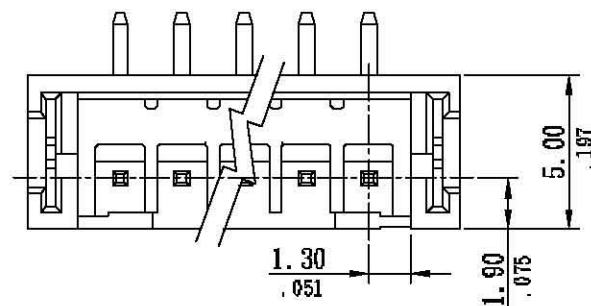
## 2.00mm(.079") WAFER 180°SMT

### MATERIAL

Insulator: Nylon 46 UL 94V-0  
 Color: Beige  
 Contact: Brass 0.50mm(.020") square wire pins  
 Plating: Tin plated

### SPECIFICATIONS

Temperature range: -25°C ~ +85°C  
 Current rating: 2.0A  
 Voltage rating: 100V AC  
 Dielectric withstand voltage: 800V AC  
 Insulation resistance: 1000 MΩ min.  
 Contact resistance: 0.02Ω max.



### Dimensional Information

| Circuits | Dim. A       | Dim. B       | Circuits | Dim. A       | Dim. B       |
|----------|--------------|--------------|----------|--------------|--------------|
| 2        | 2.00(0.079)  | 7.90(0.311)  | 10       | 18.00(0.709) | 23.90(0.941) |
| 3        | 4.00(0.157)  | 9.90(0.390)  | 11       | 20.00(0.787) | 25.90(1.020) |
| 4        | 6.00(0.236)  | 11.90(0.469) | 12       | 22.00(0.866) | 27.90(1.098) |
| 5        | 8.00(0.315)  | 13.90(0.547) | 13       | 24.00(0.945) | 29.90(1.177) |
| 6        | 10.00(0.394) | 15.90(0.626) | 14       | 26.00(1.024) | 31.90(1.256) |
| 7        | 12.00(0.472) | 17.90(0.705) | 15       | 28.00(1.102) | 33.90(1.335) |
| 8        | 14.00(0.551) | 19.90(0.783) | 16       | 30.00(1.181) | 35.90(1.413) |
| 9        | 16.00(0.630) | 21.90(0.862) |          |              |              |

Chang Enn Co., Ltd.  
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| CHECKED    | APPROVED | SCALE: 1:4    | REV NO | DATE | DESCRIPTION | BY | CHECKED | TOLERANCE UNLESS NOTED |                   |
|------------|----------|---------------|--------|------|-------------|----|---------|------------------------|-------------------|
|            |          | UNIT: mm      |        |      |             |    |         | LINEAR±                | .3 ±0.30(, .012)  |
| DRAWN NAME | DATE     | CAD NO        |        |      |             |    |         |                        | .00 ±0.20(, .008) |
|            | 92.05.22 | 5501-xxTS-SMT |        |      |             |    |         |                        | .00 ±0.10(, .004) |

DWG NAME PNI04-WSM