

**NEW**

查询PCN21A-110PA-2PF供应商

捷多邦, 专业PCB打样工厂, 24小时加急出货

# 2mm Hard Metric Connector

PCN21 Series

IEC 61076-4-101-compliant



## Applications

Switchboards, transmission systems, Cellular base stations, industrial computer boards, measuring instruments, control equipment

## Product varieties (see page 2 for details)

## Features

### 1. IEC compliant

This 2 mm Hard Metric (HM) Connector complies with IEC 61076-4-101. As specified by IEC Standards, 3 types are available: Style A (110 contacts), Style B (125 contacts), Style C (55 contacts) and Style M.

### 2. Many Variations

Products equivalent to Compact PCI standard P2/J2 (110 contacts), P3/J3 (95 contacts) and AB Type (125 contacts) are available.

### 3. Press-fit connection

Connectors of this series, headers and receptacles, are designed for press fit connection.

### 4. Both-side, two-point contact

Receptacles feature two-point contact design for high reliability.

### 5. Ground Connection Supported

Contacts are lined up in rows z a b c d e f. Five rows (a b c d e) are used for signals and two rows (z f) can be added at both sides for use as ground.

### 6. 3-Stage Sequence Supported

There are 3 types of coupling portion contact lengths for the header which permits a 3-stage sequence.

### 7. Coding Keys Can Be Mounted

Coding keys can be attached to style A for the purpose of preventing incorrect insertion of the connector.

### 8. Two different platings are available on PCB leads

Gold plating and Tin plating are available on PCB leads.

Style A



Style B



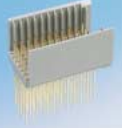
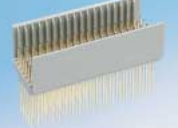
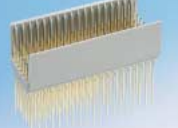
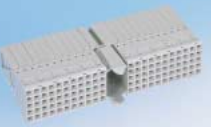
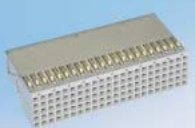
Style C



Compact PCI P2/J2, P3/J3 equivalent



## ■PCN21 Series Seletion Chart

| Standards                                                      |                      |                         | IEC 61076-4-101 compliant                                                                                            |                                                                                                                      |                                                                                                                     | Compact PCI<br>P2/J2 equivalent                                                                                        | Compact PCI<br>P3/J3 equivalent                                                                                       |
|----------------------------------------------------------------|----------------------|-------------------------|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Item                                                           |                      |                         | Style A                                                                                                              | Style B                                                                                                              | Style C                                                                                                             |                                                                                                                        |                                                                                                                       |
| Header connector (Back Wiring Board side (BWB) male connector) | Short pin type       | Without ground terminal |  <b>P5</b><br>PCN21*-110PA-2PF      |  <b>P6</b><br>PCN21*-125PB-2PF      |  <b>P7</b><br>PCN21*-55PC-2PF      |  <b>P6</b><br>PCN21*-110PB-2PF      |  <b>P6</b><br>PCN21*-95PB-2PF      |
|                                                                |                      | With ground terminal    |  <b>P5</b><br>PCN21*-110PA-2PF-G    |  <b>P6</b><br>PCN21*-125PB-2PF-G    |  <b>P7</b><br>PCN21*-55PC-2PF-G    |  <b>P6</b><br>PCN21*-110PB-2PF-G    |  <b>P6</b><br>PCN21*-95PB-2PF-G    |
|                                                                | Long pin type        | Without ground terminal |  <b>P5</b><br>PCN21*-110PA-2W      |  <b>P6</b><br>PCN21*-125PB-2W      |  <b>P7</b><br>PCN21*-55PC-2W      |  <b>P6</b><br>PCN21*-110PB-2W      |  <b>P6</b><br>PCN21*-95PB-2W      |
|                                                                |                      | With ground terminal    |  <b>P5</b><br>PCN21*-110PA-2W-G   |  <b>P6</b><br>PCN21*-125PB-2W-G   |  <b>P7</b><br>PCN21*-55PC-2W-G   |  <b>P6</b><br>PCN21*-110PB-2W-G   |  <b>P6</b><br>PCN21*-95PB-2W-G   |
| Receptacle connector (Package side female connector)           | Without ground plate |                         |  <b>P10</b><br>PCN21*-110SA-2PF   |  <b>P11</b><br>PCN21*-125SB-2PF   |  <b>P12</b><br>PCN21*-55SC-2PF   |  <b>P11</b><br>PCN21*-110SB-2PF   |  <b>P11</b><br>PCN21*-95SB-2PF   |
|                                                                | With ground plate    | With top ground plate   |  <b>P10</b><br>PCN21*-110SA-2PF-G |  <b>P11</b><br>PCN21*-125SB-2PF-G |  <b>P12</b><br>PCN21*-55SC-2PF-G |  <b>P11</b><br>PCN21*-110SB-2PF-G |  <b>P11</b><br>PCN21*-95SB-2PF-G |
|                                                                |                      | Bottom ground plate     |  <b>P15</b><br>PCN21*-SA-G        |  <b>P15</b><br>PCN21*-SB-G        |  <b>P15</b><br>PCN21*-SC-G       |  <b>P15</b><br>PCN21*-SB1-G       |  <b>P15</b><br>PCN21*-SB2-G      |

\*A...PCB leads : Gold plating

B...PCB leads : Tin plating

■Ordering information

Connector

PCN 2 1 \* - \* P A \* - 2 PF - G (01)

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

|                                                                                                                                                                                                                                                             |                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| ① Series name : PCN 21                                                                                                                                                                                                                                      | ⑥ Positioning peg (Applicable to receptacle styles A and C only)<br>Nil : With peg<br>A : Without peg |
| ② A...PCB leads : Gold plating<br>B...PCB leads : Tin plating                                                                                                                                                                                               |                                                                                                       |
| ③ No. of contacts : 55, 95, 110, 125                                                                                                                                                                                                                        | ⑦ Contact pitch: 2 mm                                                                                 |
| ④ Connector classification<br>P: Pin header<br>S: Receptacle                                                                                                                                                                                                | ⑧ Terminal shape<br>PF : Press-fit short pin<br>W : Press-fit back plane                              |
| ⑤ IEC type<br>A : IEC 61076-4-101 Style A<br>B : IEC 61076-4-101 Style B<br>C : IEC 61076-4-101 Style C<br>M : IEC 61076-4-101 Style M<br>AB : Compact PCI AB type equivalent<br>(For Compact PCI P2/J2, P3/J3 equivalent,) the IEC type should be style B. | ⑨ Ground<br>Nil : Without ground terminal<br>G : With ground terminal                                 |
|                                                                                                                                                                                                                                                             | ⑩ Contact area gold plating thickness<br>Nil : 0.8 μm<br>(01) : 0.2 μm                                |

Bottom ground plate for receptacle

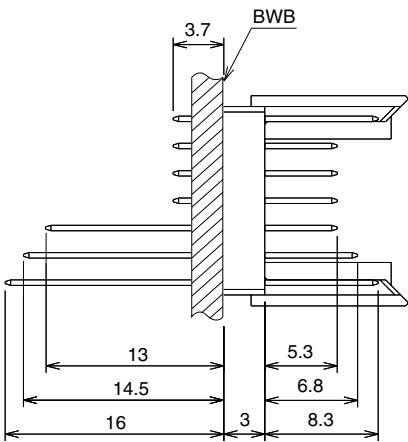
PCN 2 1 \* - S A - G

① ② ③ ④ ⑤

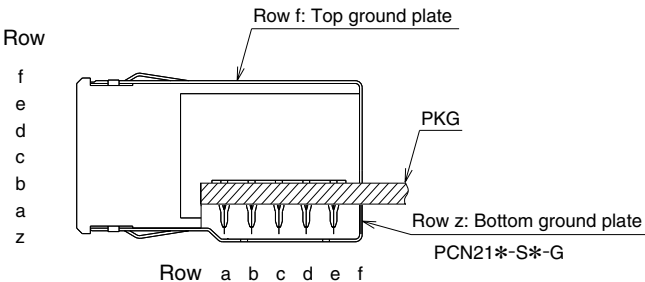
|                                                               |                                                                                                                                                                           |
|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ① Series name: PCN21                                          | ④ Applicable connectors A : for PCN21*-110SA-2PF-G<br>B : for PCN21*-125SB-2PF-G<br>C : for PCN21*-55SC-2PF-G<br>B1: for PCN21*-110SB-2PF-G<br>B2: for PCN21*- 95SB-2PF-G |
| ② A...PCB leads : Gold plating<br>B...PCB leads : Tin plating |                                                                                                                                                                           |
| ③ Connector classification: for receptacle use                | ⑤ Ground                                                                                                                                                                  |

◆Product construction

●Header



●Receptacle



A ground plate is joined with the f row.

Rows f and z are ground terminals.  
PCN21\*-\*P\*-2PF (W) has no ground terminal  
PCN21\*-\*P\*-2PF (W)-G has ground terminal

PCN21\*-\*S\*-2PF has no top ground plate  
PCN21\*-\*S\*-2PF-G has top ground plate  
PCN21\*-S\*-G has bottom ground plate only

## ■Product Specifications

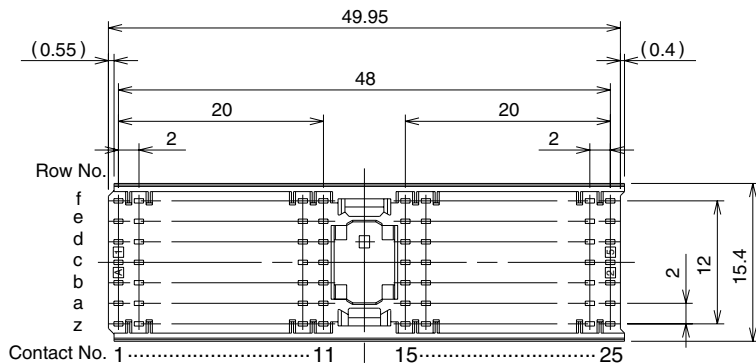
|        |                                  |                 |                                             |                                                  |                                         |                               |
|--------|----------------------------------|-----------------|---------------------------------------------|--------------------------------------------------|-----------------------------------------|-------------------------------|
| Rating | Current rating<br>Voltage rating | 1.5A<br>AC 300V | Operating temperature<br>Operating humidity | -55℃ to +85℃<br>95% RH max.<br>(No condensation) | Storage temperature<br>Storage humidity | -10℃ to +60℃<br>40% to 70% RH |
|--------|----------------------------------|-----------------|---------------------------------------------|--------------------------------------------------|-----------------------------------------|-------------------------------|

| Item                          | Requirements                                                                                                                    | Test Conditions                                                                                               |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| 1.Insulation resistance       | 10 <sup>4</sup> M ohms                                                                                                          | 100 V DC                                                                                                      |
| 2.Withstanding voltage        | No flashover or breakdown                                                                                                       | 750 V rms AC for 1 min                                                                                        |
| 3.Contact resistance          | 30 m ohms max.                                                                                                                  | 0.1 A                                                                                                         |
| 4.Vibration                   | No electrical discontinuity for 1μs min.                                                                                        | Frequency 10 to 500 Hz, amplitude of 0.35 mm in 3 directions, 50m/s <sup>2</sup> acceleration, 10 cycles each |
| 5.Damp heat                   | Contact resistance: 40 m ohms max.<br>Insulation resistance: 10 <sup>3</sup> M ohms min.                                        | 40 ±2℃, 90 to 95% RH, duration 96 h                                                                           |
| 6.Rapid change of temperature | Contact resistance:40 m ohms max.<br>Insulation resistance: 10 <sup>3</sup> M ohms min.<br>No damage, cracks or parts looseness | 5 cycles<br>( -55℃ for 30 min, 15 to 30℃ for 5 min max, +125℃ for 30 min, 15 to 30℃ for 5 min max. )          |
| 7.Heat resistance             | Contact resistance:40 m ohms max.<br>Insulation resistance: 10 <sup>3</sup> M ohms min.                                         | Ambient temperature + 125℃, 16 h                                                                              |
| 8.Operation life              | Contact resistance:40 m ohms max.                                                                                               | 500 cycles                                                                                                    |

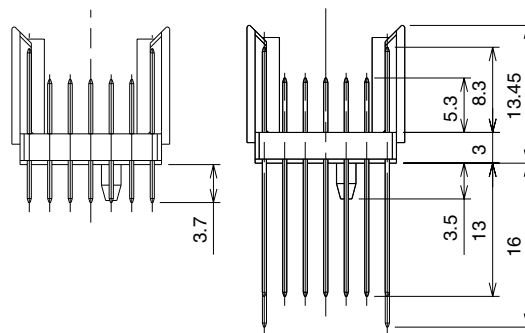
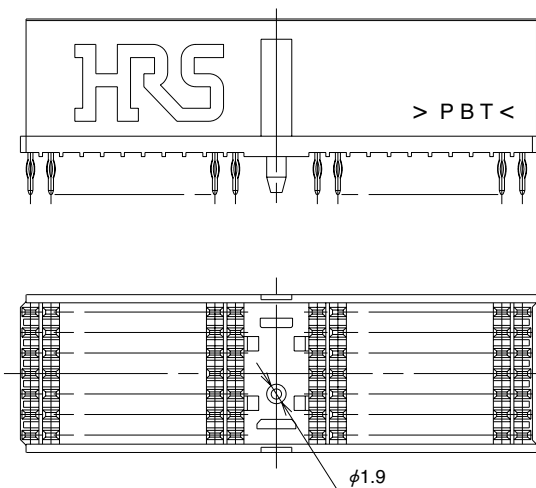
## ■Materials

| Product    | Part      | Material        | Finish                                                                                         | Remarks |
|------------|-----------|-----------------|------------------------------------------------------------------------------------------------|---------|
| Header     | Insulator | PBT             | Gray                                                                                           | UL94V-0 |
|            | Terminal  | Phosphor bronze | PCN21A<br>Contact area: Nickel base, gold plating<br>PCB leads : Nickel base, gold plating     | _____   |
|            |           |                 | PCN21B<br>Contact area: Nickel base, gold plating<br>PCB leads : Nickel base, tin plating      |         |
| Receptacle | Insulator | PBT             | Gray                                                                                           | UL94V-0 |
|            | Terminal  | Phosphor bronze | PCN21A<br>Contact area: Nickel base, gold plating<br>PCB leads : Nickel base, gold plating     | _____   |
|            |           |                 | PCN21B<br>Contact area: Nickel base, gold plating<br>PCB leads : Nickel base, tin plating      |         |
|            | Shield    | Phosphor bronze | PCN21A<br>Contact area: Nickel base, gold plating<br>Mounted area: Nickel base, solder plating | _____   |
|            |           |                 | PCN21B<br>Contact area: Nickel base, gold plating<br>PCB leads : Nickel base, tin plating      |         |

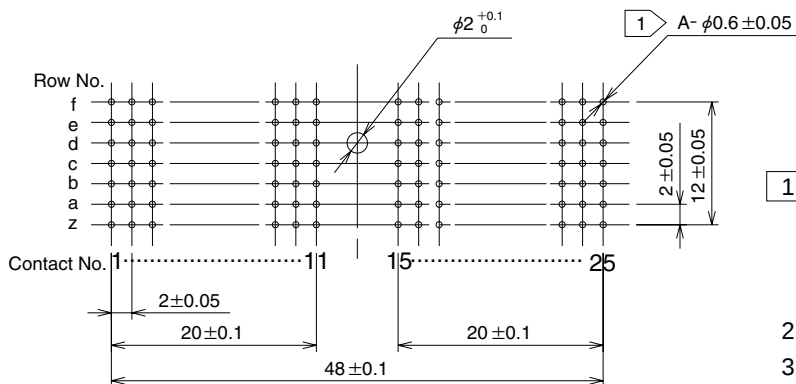
### ■Header (Style A) [BWB-side male connector]



< Short pin >      < Long pin >



### Recommended PCB mounting pattern

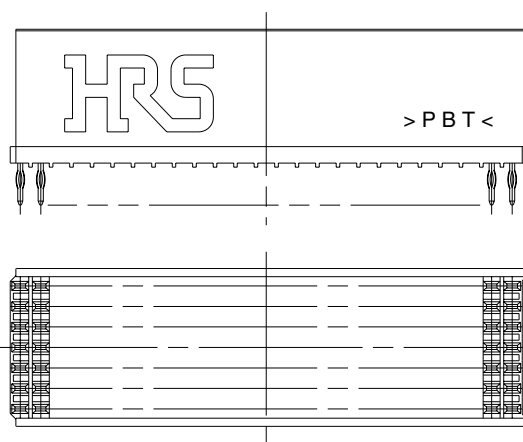
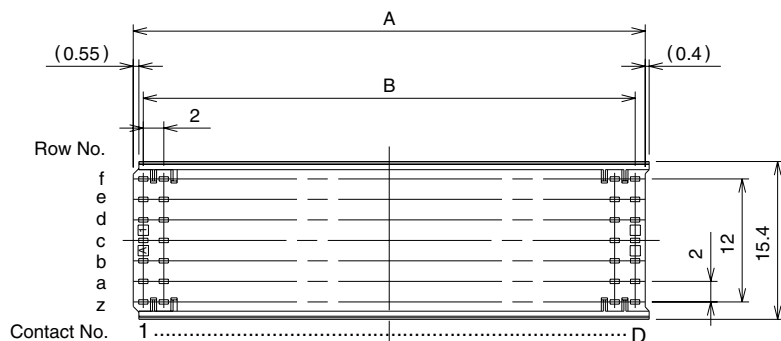


- 1 Through hole  
Drilling diameter :  $\phi 0.7 \pm 0.02$   
Finishing diameter :  $\phi 0.6 \pm 0.05$   
Plating : Cu 25 $\mu$ m.
  - 2 For 5-row type, row f and z are unnecessary.
  - 3 Board thickness : 1.6 to 5.6 mm

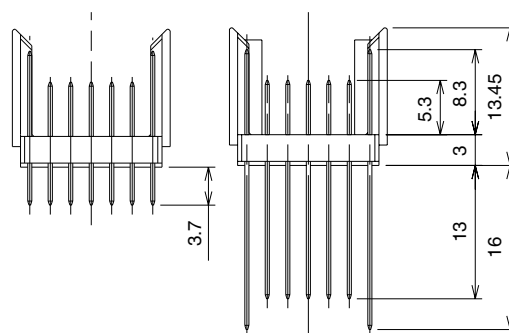
| Product No.        | A   | No. of contacts | Mounted area |
|--------------------|-----|-----------------|--------------|
| PCN21*-110PA-2PF   | 110 | 5               | Short pin    |
| PCN21*-110PA-2PF-G | 154 | 7               |              |
| PCN21*-110PA-2W    | 110 | 5               | Long pin     |
| PCN21*-110PA-2W-G  | 154 | 7               |              |

\*A...PCB leads : Gold plating  
B...PCB leads : Tin plating

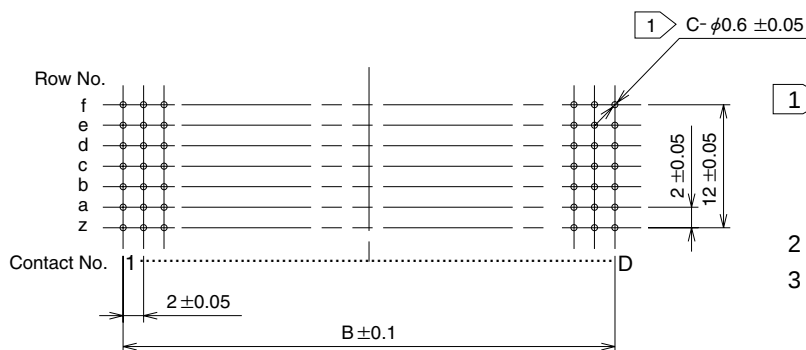
## ■Header (Style B) [BWB-side male connector]



< Short pin > < Long pin >



## ◆Recommended PCB Footprints mounting pattern



1 Through hole

Drilling diameter :  $\phi 0.7 \pm 0.02$

Finishing diameter :  $\phi 0.6 \pm 0.05$

Plating : Cu 25 $\mu$ m.

2 For 5-row type, row f and z are unnecessary.

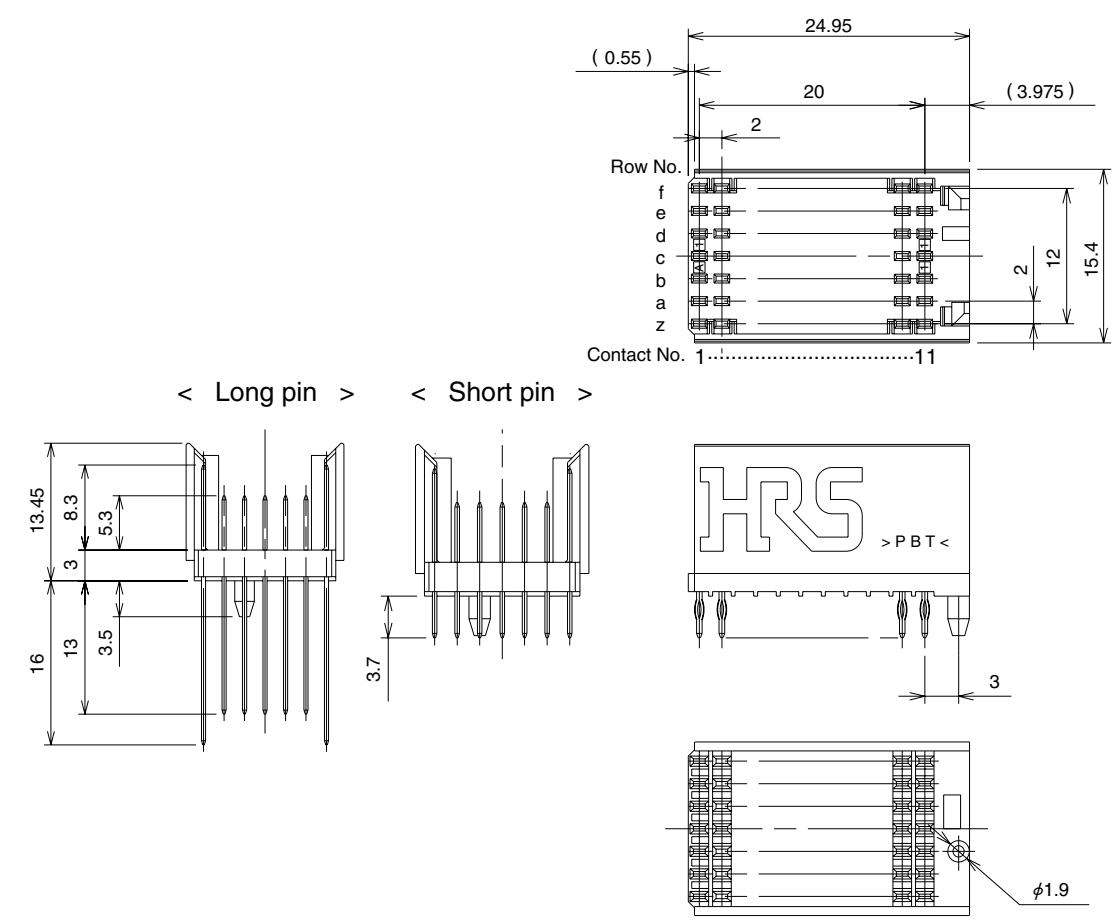
3 Board thickness : 1.6 to 5.6 mm

| Product No.        | A     | B  | C   | D  | No. of contacts | Mounted area |
|--------------------|-------|----|-----|----|-----------------|--------------|
| PCN21*-125PB-2PF   | 49.95 | 48 | 125 | 25 | 5               | Short pin    |
| PCN21*-125PB-2PF-G | 49.95 | 48 | 175 | 25 | 7               |              |
| PCN21*-110PB-2PF   | 49.95 | 42 | 110 | 22 | 5               |              |
| PCN21*-110PB-2PF-G | 49.95 | 42 | 154 | 22 | 7               |              |
| PCN21*- 95PB-2PF   | 37.95 | 36 | 95  | 19 | 5               |              |
| PCN21*- 95PB-2PF-G | 37.95 | 36 | 133 | 19 | 7               |              |
| PCN21*-125PB-2W    | 43.95 | 48 | 125 | 25 | 5               | Long pin     |
| PCN21*-125PB-2W-G  | 43.95 | 48 | 175 | 25 | 7               |              |
| PCN21*-110PB-2W    | 43.95 | 42 | 110 | 22 | 5               |              |
| PCN21*-110PB-2W-G  | 43.95 | 42 | 154 | 22 | 7               |              |
| PCN21*- 95PB-2W    | 37.95 | 36 | 95  | 19 | 5               |              |
| PCN21*- 95PB-2W-G  | 37.95 | 36 | 133 | 19 | 7               |              |

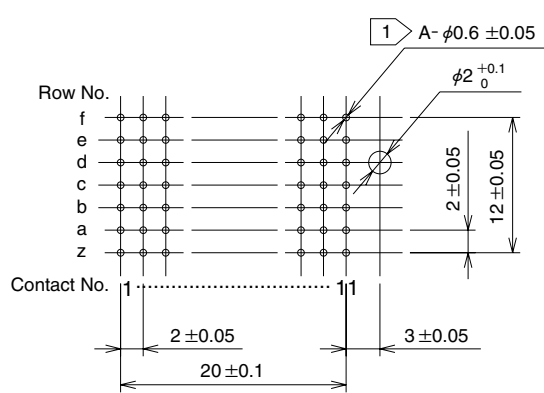
\*A...PCB leads : Gold plating

B...PCB leads : Tin plating

■Header (Style C) [BWB-side male connector]



◆Recommended PCB mounting pattern

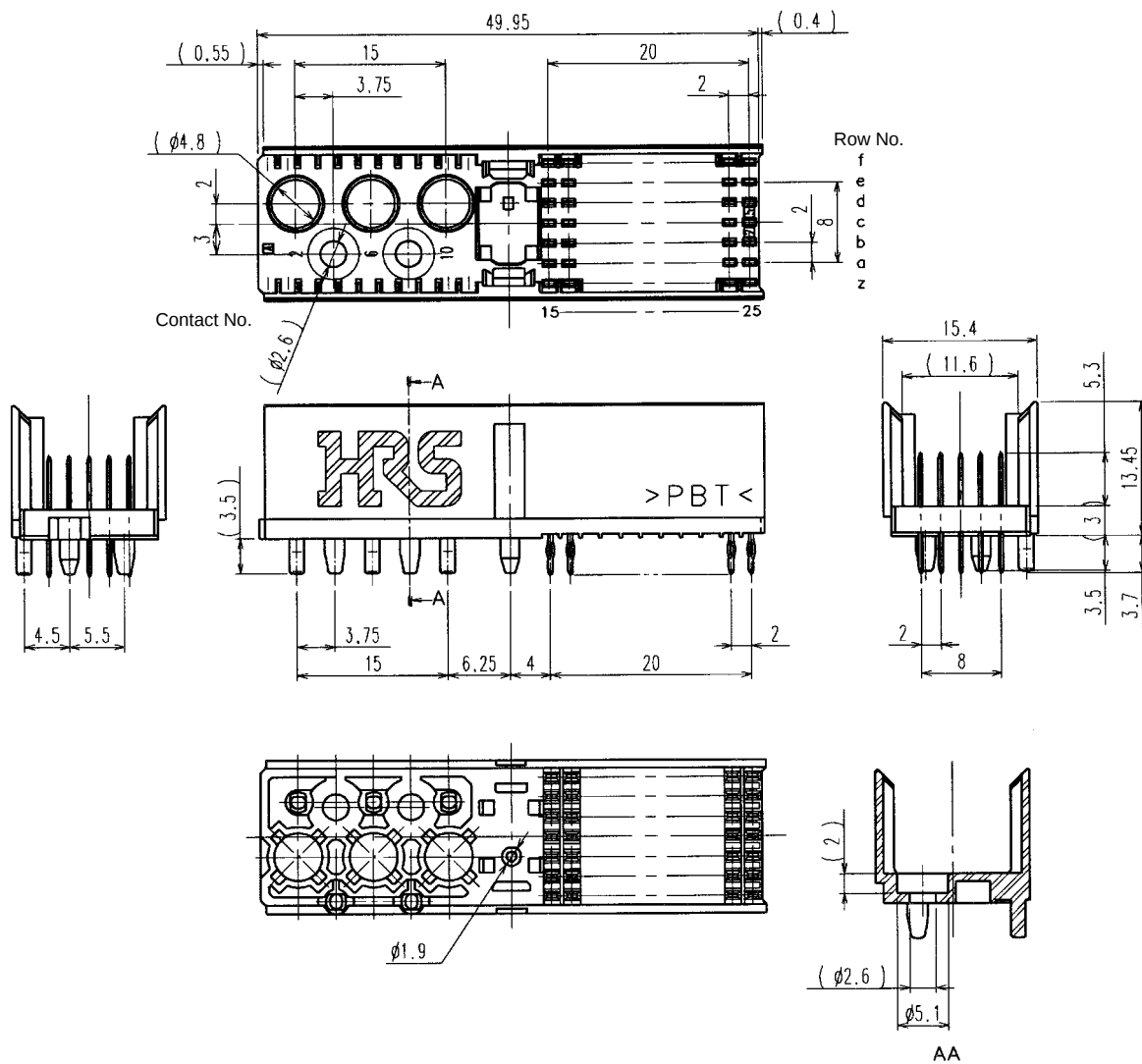


- 1 Through hole  
Drilling diameter :  $\phi 0.7 \pm 0.02$   
Finishing diameter :  $\phi 0.6 \pm 0.05$   
Plating : Cu 25 $\mu$ m.
- 2 For 5-row type, row f and z are unnecessary.
- 3 Board thickness : 1.6 to 5.6 mm

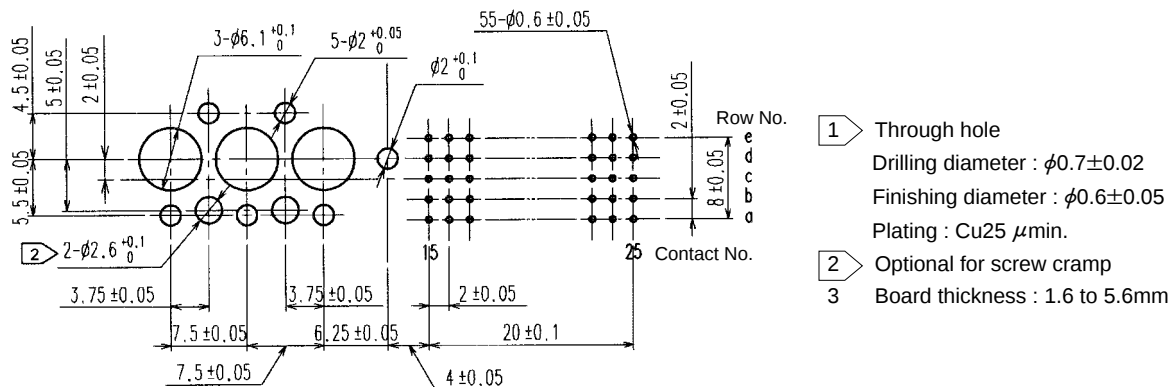
| Product No.       | A  | No. of contacts | Mounted area |
|-------------------|----|-----------------|--------------|
| PCN21*-55PC-2PF   | 55 | 5               | Short pin    |
| PCN21*-55PC-2PF-G | 77 | 7               |              |
| PCN21*-55PC-2W    | 55 | 5               | Long pin     |
| PCN21*-55PC-2W-G  | 77 | 7               |              |

\*A...PCB leads : Gold plating  
B...PCB leads : Tin plating

## ■Header (Style M) [BWB-side male connector]



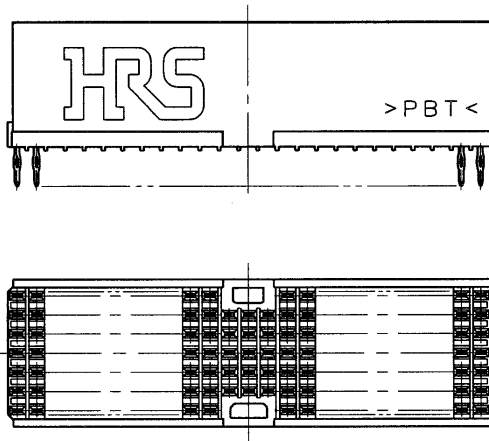
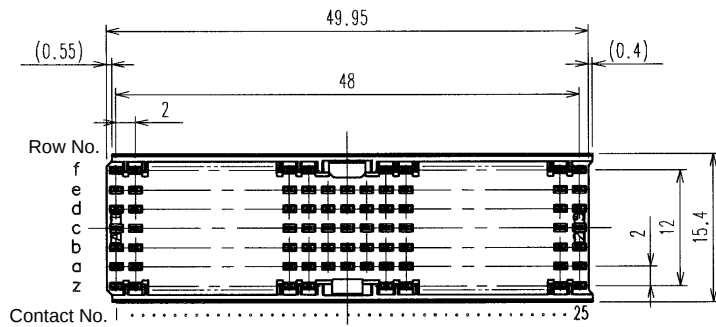
## ◆Recommended PCB mounting pattern



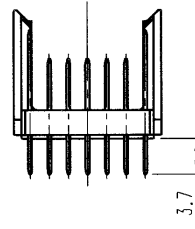
| Product No.     | No. of contacts | Mounted area |
|-----------------|-----------------|--------------|
| PCN21*-55PM-2PF | 5               | Short Pin    |

\* A...PCB leads : Gold plating, B...PCB leads : Tin plating

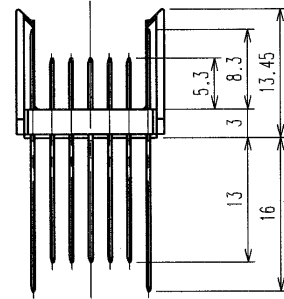
## ■Header (Style AB) [BWB-side male connector]



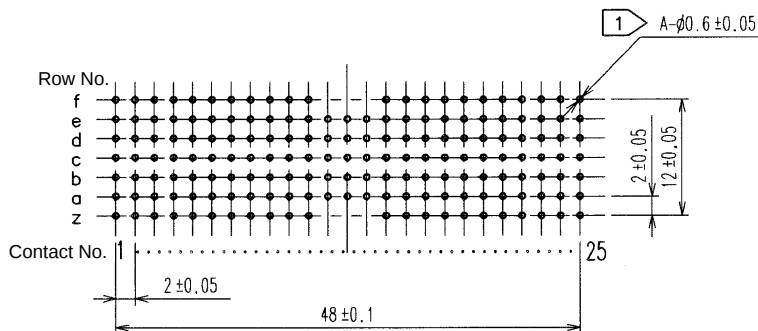
<Short pin>



<Long pin>



## ◆Recommended Mounting Hole Pattern



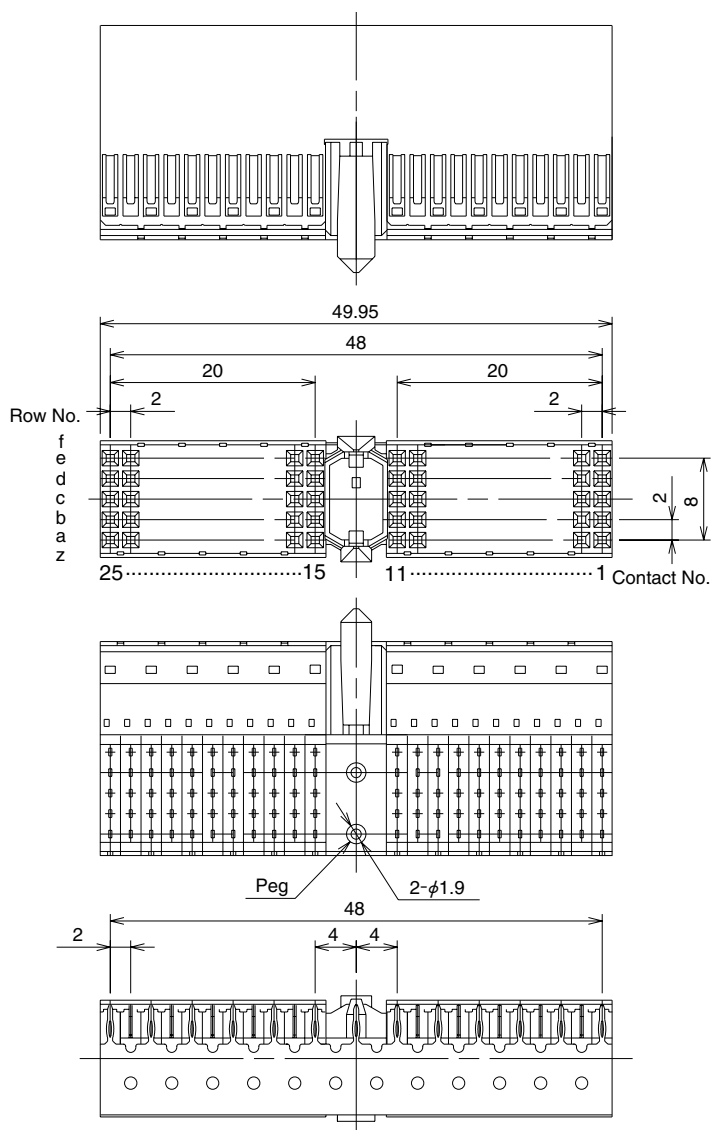
- 1 Through hole  
Drilling diameter :  $\phi 0.7 \pm 0.02$   
Finishing diameter :  $\phi 0.6 \pm 0.05$   
Plating :  $\text{Cu} 25 \mu\text{min.}$
- 2 For 5-row type, row f and z are unnecessary
- 3 Board thickness : 1.6 to 5.6mm

| Product No.         | A   | No. of contacts | Mounted area |
|---------------------|-----|-----------------|--------------|
| PCN21*-125PAB-2PF   | 125 | 5               | Short Pin    |
| PCN21*-125PAB-2PF-G | 169 | 7               |              |
| PCN21*-125PAB-2W    | 125 | 5               | Long Pin     |
| PCN21*-125PAB-2W-G  | 169 | 7               |              |

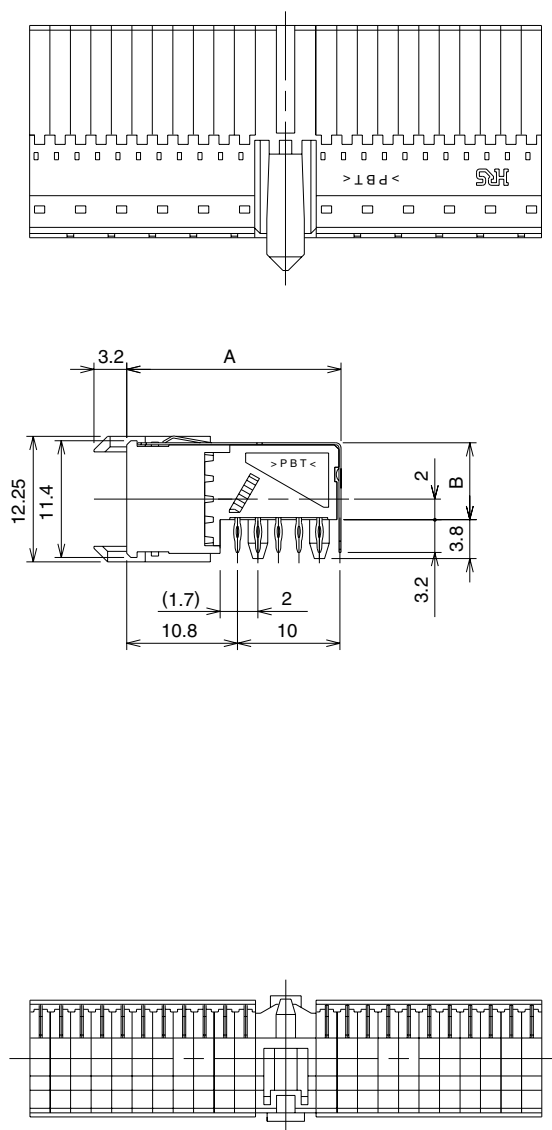
\* A...PCB leads : Gold plating, B...PCB leads : Tin plating

## ■ Receptacle (Style A) [PKG-side female connector]

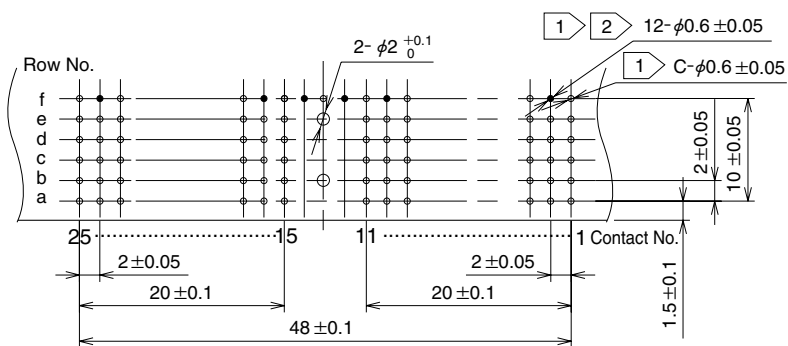
< With ground plate >



< Without ground plate >



## ◆ Recommended PCB mounting pattern



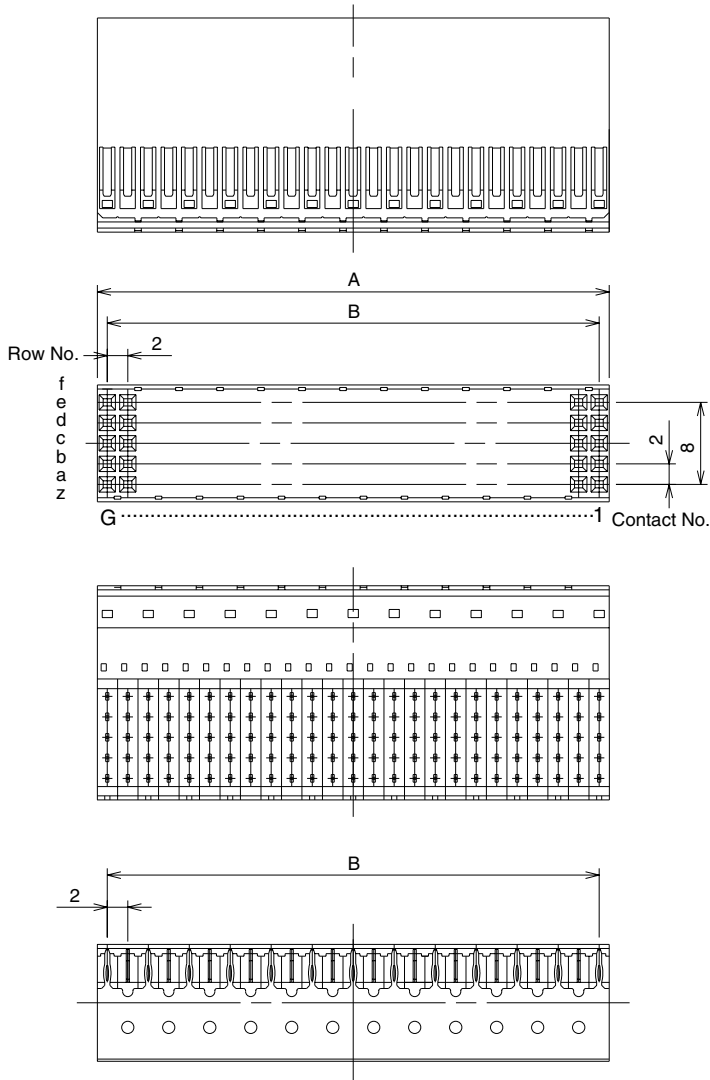
- 1 Through hole  
Drilling diameter:  $\phi 0.7 \pm 0.02$   
Finishing diameter:  $\phi 0.6 \pm 0.05$   
Plating: Cu 25  $\mu$ m min.
- 2 Even numbers are required on the f row when using the lower surface ground plate (PCN21\*, SA-G).
- 3 For without ground the plate type, rows f and z unnecessary.
- 4 The type without the peg does not require the 2mm dia. hole.
- 5 Board thickness: 1.6 to 4.2 mm

| Product No.         | A    | B   | C   | Ground plate | Peg          |
|---------------------|------|-----|-----|--------------|--------------|
| PCN21*-110SA-2PF    | 20.7 | 7.3 | 110 | Not provided | Provided     |
| PCN21*-110SA-2PF-G  | 20.9 | 7.5 | 123 | Provided     |              |
| PCN21*-110SAA-2PF   | 20.7 | 7.3 | 110 | Not provided | Not provided |
| PCN21*-110SAA-2PF-G | 20.9 | 7.5 | 123 | Provided     |              |

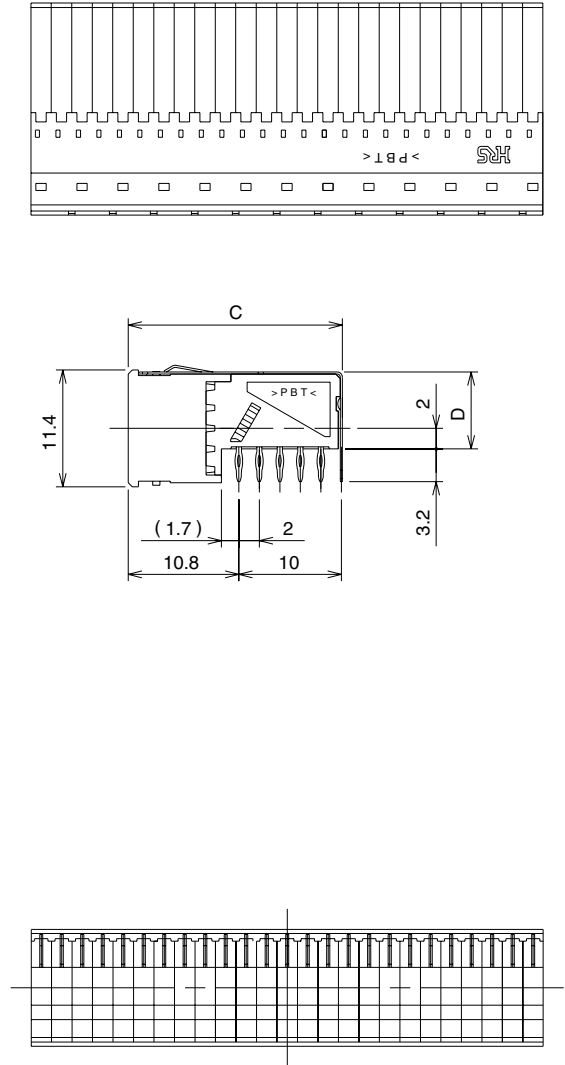
\* A...PCB leads : Gold plating, B...PCB leads : Tin plating

## ■Receptacle (Style B) [PKG-side female connector]

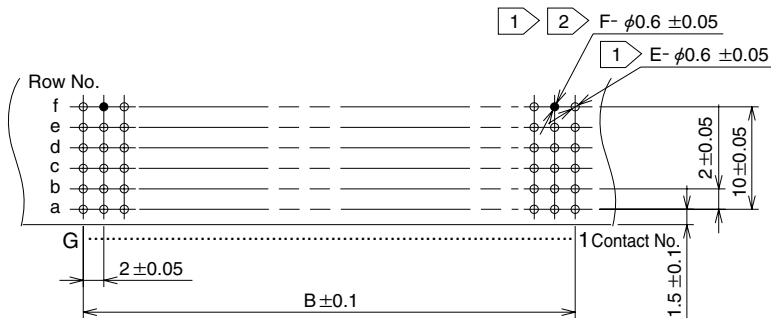
< With ground plate >



< Without ground plate >



## ◆ Recommended PCB mounting pattern



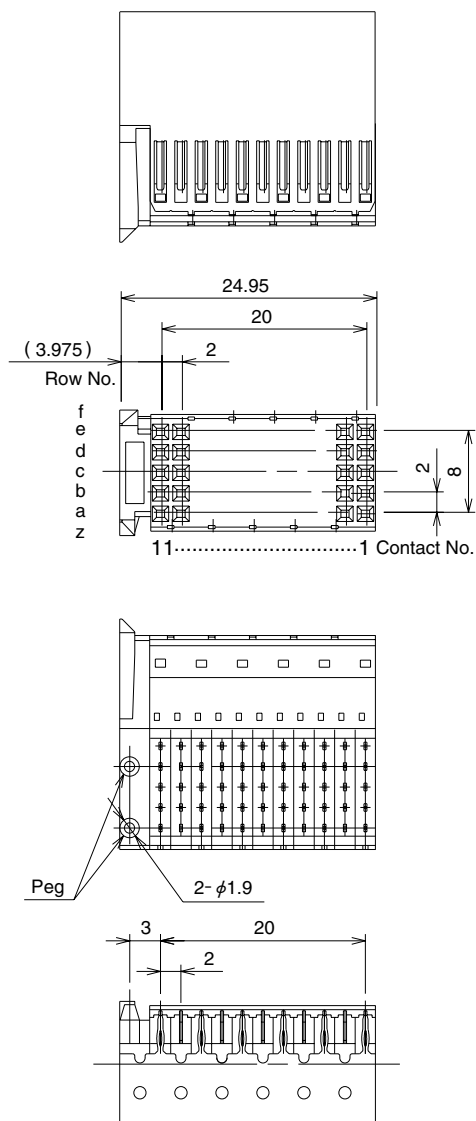
- 1 Through hole  
Drilling diameter:  $\phi 0.7 \pm 0.02$   
Finishing diameter:  $\phi 0.6 \pm 0.05$   
Plating: Cu 25 $\mu$ m min.
- 2 Even numbers are required on the f row when using the lower surface ground plate (PCN21\*, SB\*-G).
- 3 For without ground the plate type, rows f and z unnecessary.
- 4 Board thickness: 1.6 to 4.2 mm

| Product No.        | A     | B  | C    | D   | E   | F  | G  | Ground plate |
|--------------------|-------|----|------|-----|-----|----|----|--------------|
| PCN21*-125SB-2PF   | 49.95 | 48 | 20.7 | 7.3 | 125 | —  | 25 | Not provided |
| PCN21*-125SB-2PF-G | 49.95 | 48 | 20.9 | 7.5 | 138 | 12 | 25 | Provided     |
| PCN21*-110SB-2PF   | 43.95 | 42 | 20.7 | 7.3 | 110 | —  | 22 | Not provided |
| PCN21*-110SB-2PF-G | 43.95 | 42 | 20.9 | 7.5 | 121 | 11 | 22 | Provided     |
| PCN21*- 95SB-2PF   | 37.95 | 36 | 20.7 | 7.3 | 95  | —  | 19 | Not provided |
| PCN21*- 95SB-2PF-G | 37.95 | 36 | 20.9 | 7.5 | 105 | 9  | 19 | Provided     |

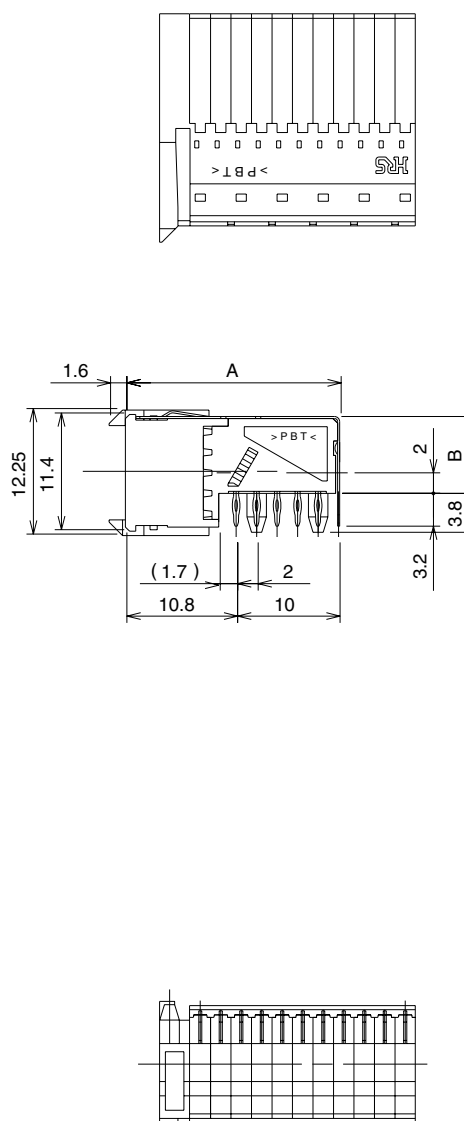
\* A...PCB leads : Gold plating, B...PCB leads : Tin plating

## ■ Receptacle (Style C) [PKG-side female connector]

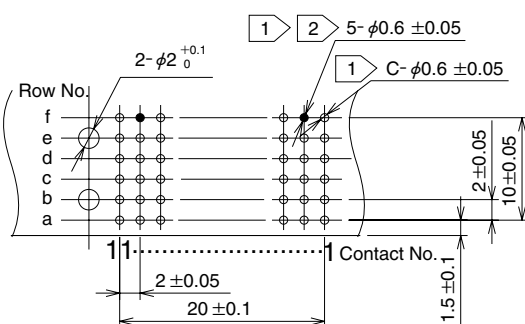
< With ground plate >



< Without ground plate >



## ◆ Recommended PCB mounting pattern

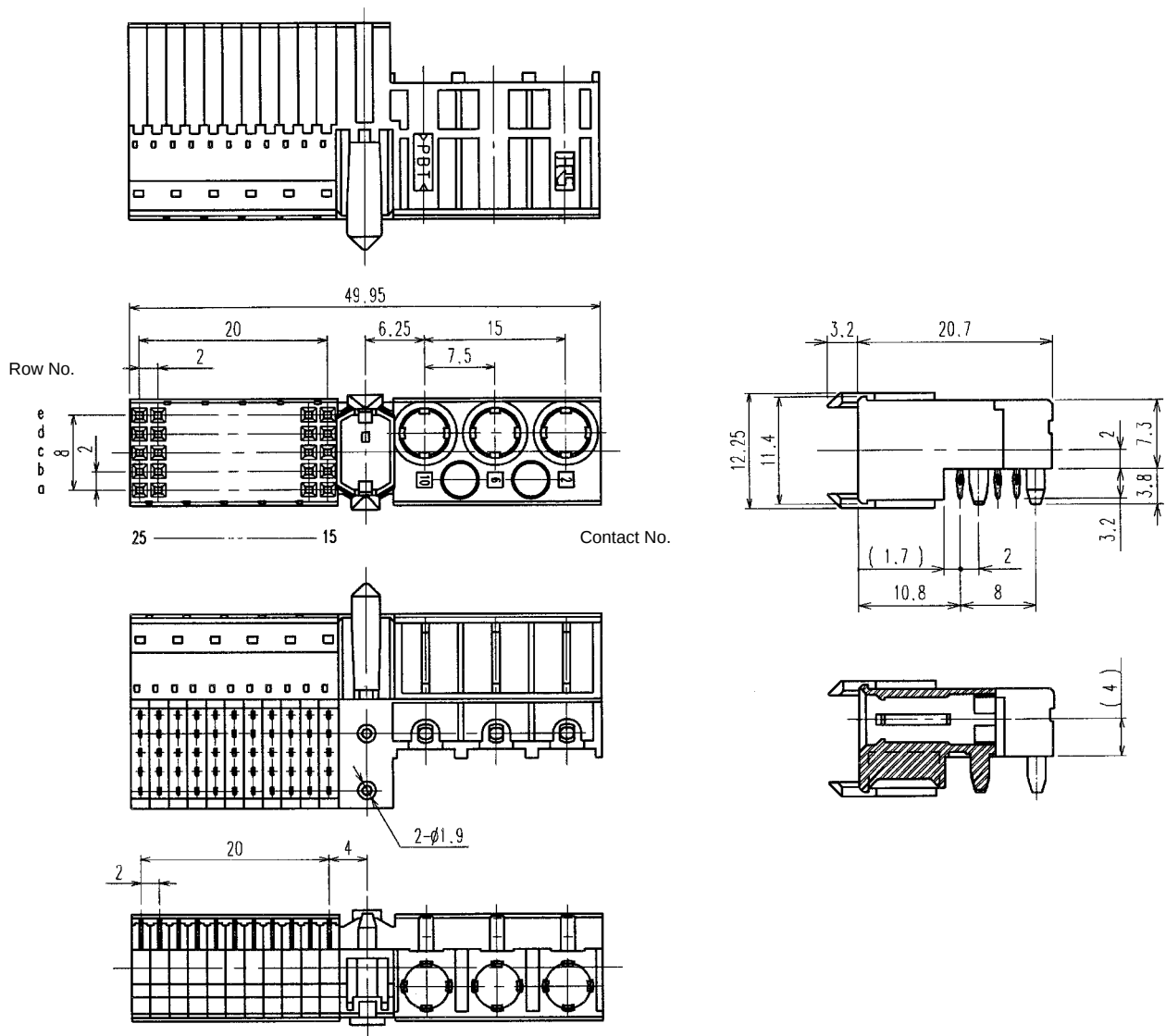


- 1 Through hole  
Drilling diameter:  $\phi 0.7 \pm 0.02$   
Finishing diameter:  $\phi 0.6 \pm 0.05$   
Plating: Cu 25 $\mu$ m min.
- 2 Even numbers are required on the f row when using the lower surface ground plate (PCN21\*, SC-G).
- 3 For without ground the plate type, rows f and z unnecessary.
- 4 The type without the peg does not require the 2mm dia. hole.
- 5 Board thickness: 1.6 to 4.2 mm

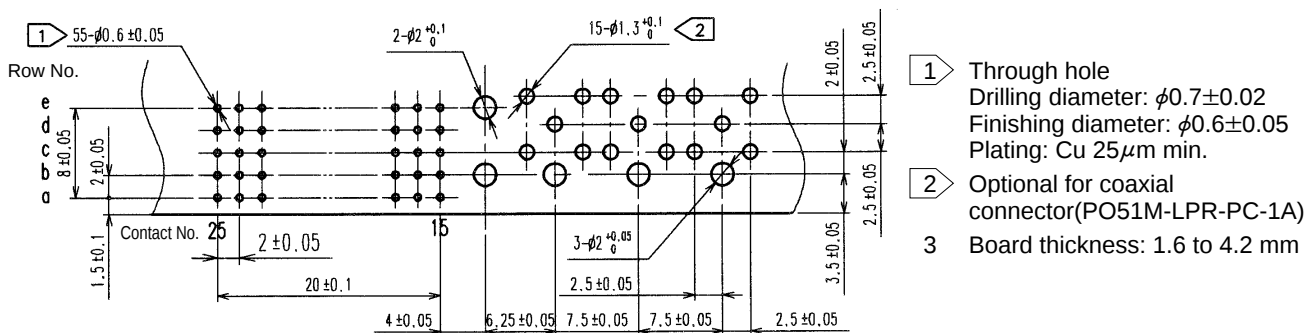
| Product No.        | A    | B   | C  | Ground plate | Peg          |
|--------------------|------|-----|----|--------------|--------------|
| PCN21*-55SC-2PF    | 20.7 | 7.3 | 55 | Not provided | Provided     |
| PCN21*-55SC-2PF-G  | 20.9 | 7.5 | 61 | Provided     |              |
| PCN21*-55SCA-2PF   | 20.7 | 7.3 | 55 | Not provided | Not provided |
| PCN21*-55SCA-2PF-G | 20.9 | 7.5 | 61 | Provided     |              |

\* A...PCB leads : Gold plating, B...PCB leads : Tin plating

## ■ Receptacle (Style M) [PKG-side female connector]



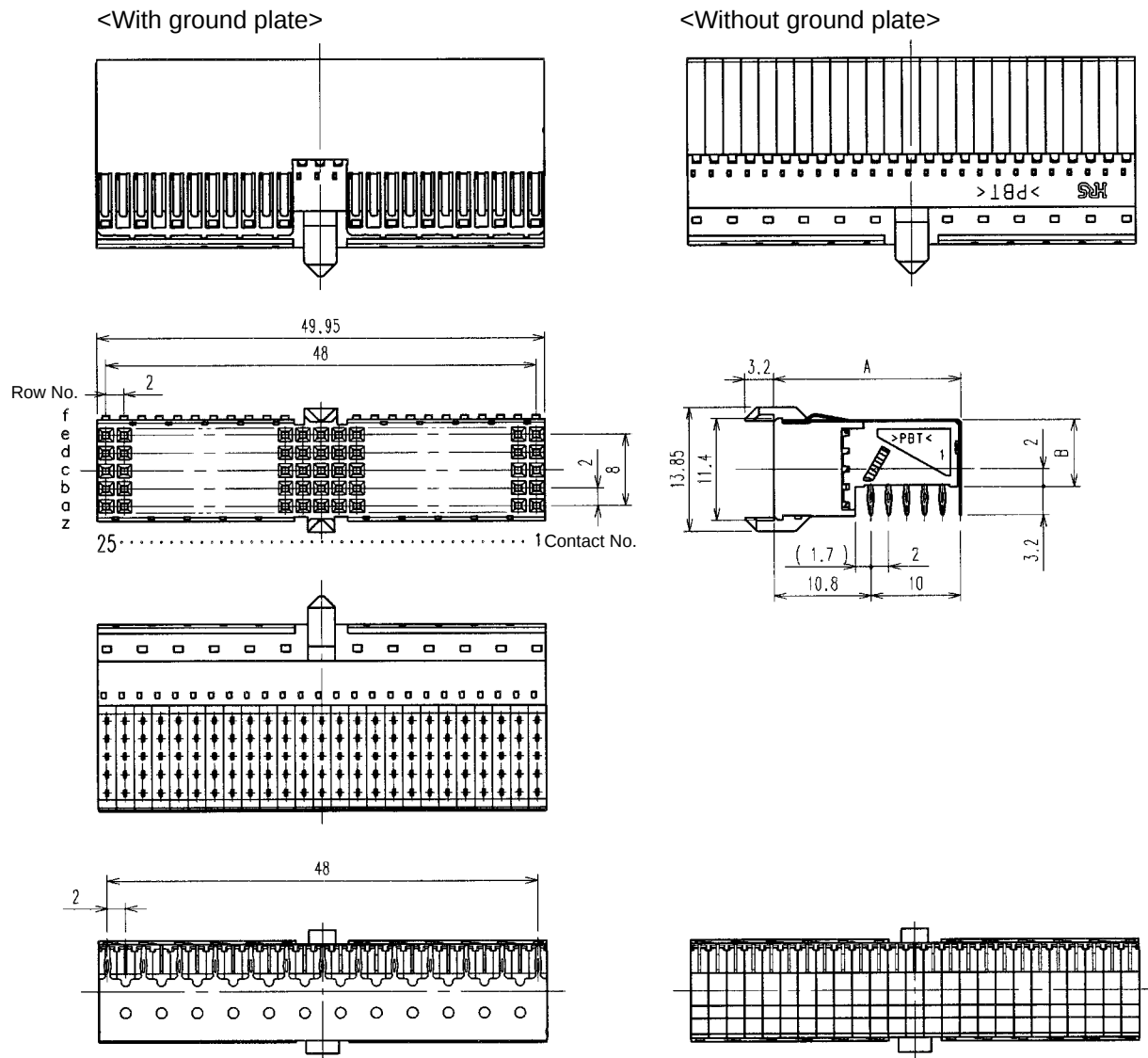
## ◆ Recommended Mounting Hole Pattern



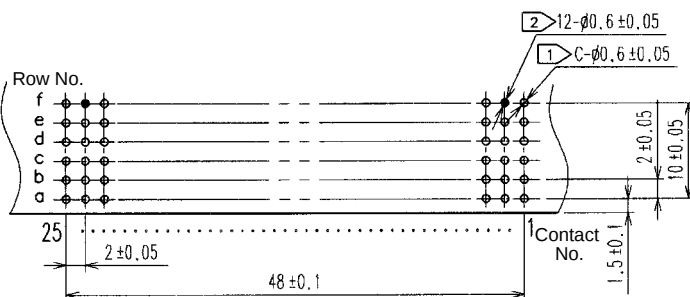
| Product No.     | Ground plate | Peg      |
|-----------------|--------------|----------|
| PCN21*-55SM-2PF | Not provided | Provided |

\* A...PCB leads : Gold plating, B...PCB leads : Tin plating

## ■ Receptacle (Style AB) [PKG-side female connector]



## ◆ Recommended PCB mounting pattern



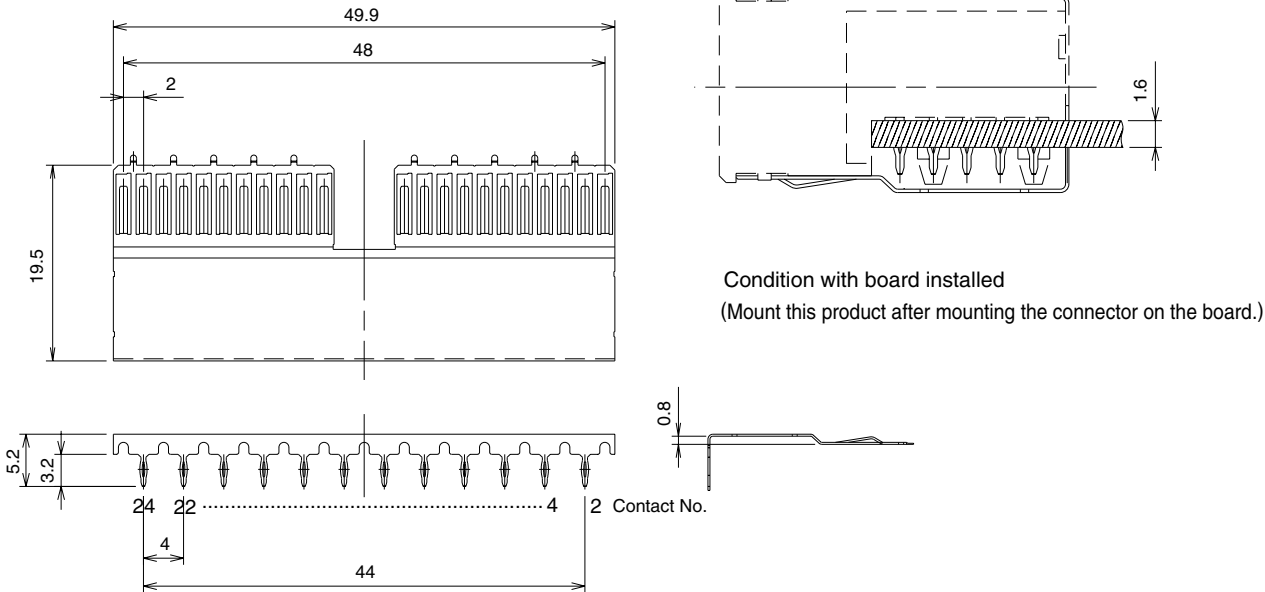
- 1 Through hole  
Drilling diameter:  $\phi 0.7 \pm 0.02$   
Finishing diameter:  $\phi 0.6 \pm 0.05$   
Plating: Cu 25 $\mu$ m min.
- 2 Even numbers are required on the f row when using the lower surface ground plate (PCN21\*, SA-G).
- 3 For without ground the plate type, rows f and z unnecessary.
- 4 Board thickness: 1.6 to 4.2 mm

| Product No.         | A    | B   | C   | Ground plate |
|---------------------|------|-----|-----|--------------|
| PCN21*-125SAB-2PF   | 20.7 | 7.3 | 125 | Not provided |
| PCN21*-125SAB-2PF-G | 20.9 | 7.5 | 138 | Provided     |

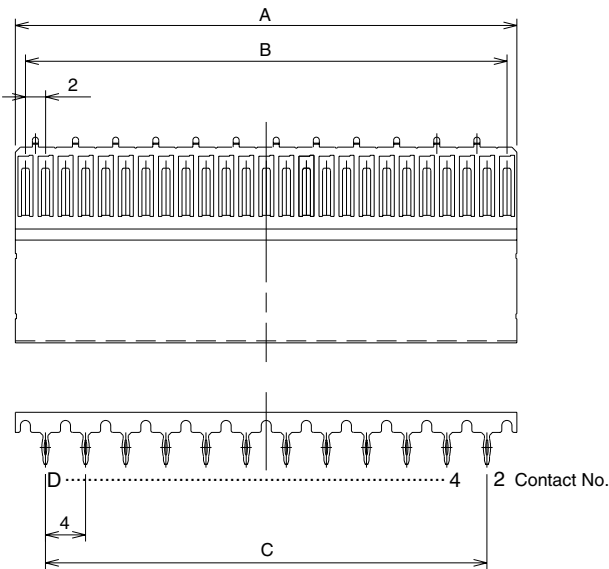
\* A...PCB leads : Gold plating, B...PCB leads : Tin plating

# Bottom ground plate for receptacle

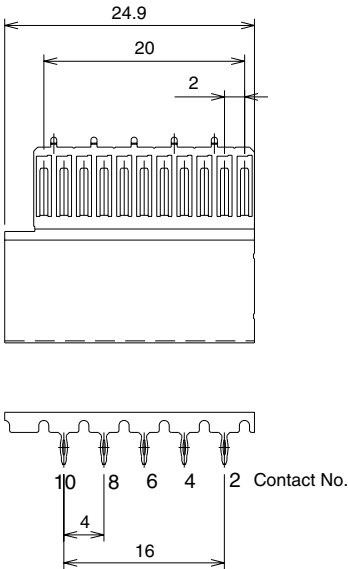
PCN21A-SA-G



PCN21A-SB-G  
PCN21A-SB1-G  
PCN21A-SB2-G



PCN21A-SC-G



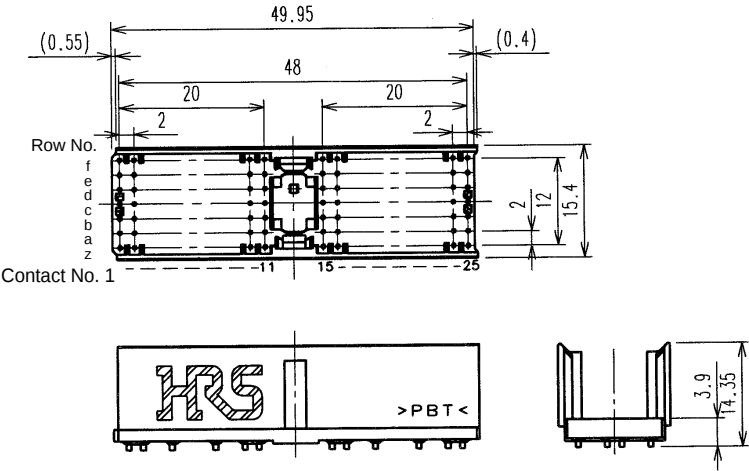
●Recommended board thickness: 1.6 mm

| Product No.  | A    | B  | C  | D  | Applicable connectors |
|--------------|------|----|----|----|-----------------------|
| PCN21*-SA-G  | —    | —  | —  | —  | PCN21*-110SA-2PF-G    |
| PCN21*-SB-G  | 49.9 | 48 | 44 | 24 | PCN21*-125SB-2PF-G    |
| PCN21*-SB1-G | 43.9 | 42 | 40 | 22 | PCN21*-110SB-2PF-G    |
| PCN21*-SB2-G | 37.9 | 36 | 32 | 18 | PCN21*- 95SB-2PF-G    |
| PCN21*-SC-G  | —    | —  | —  | —  | PCN21*- 55SC-2PF-G    |

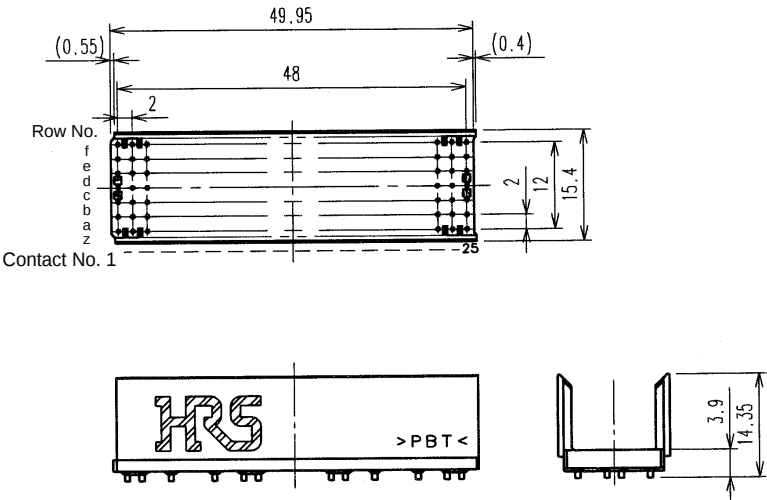
\*A...PCB leads : Gold plating

B...PCB leads : Tin plating

■Mid-plane (Shroud)  
[ Style A ]



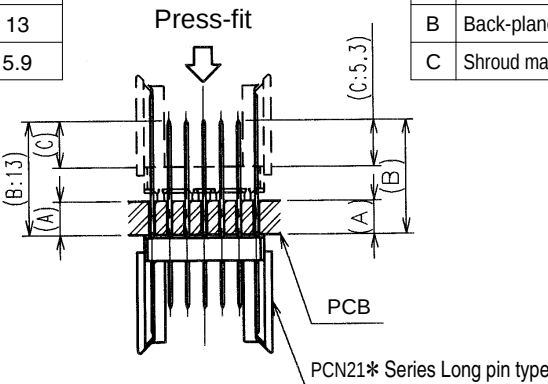
[ Style B ]



| Product No.     | Applicable connector |
|-----------------|----------------------|
| PCN21-110PA-2C1 | PCN21*-110PA-2W-G    |
| PCN21-125PB-2C1 | PCN21*-125PB-2W-G    |

2 FIG.1

|   |                              |     |     |
|---|------------------------------|-----|-----|
| A | PCB thickness                | 2.4 | 3.2 |
| B | Back-plane Contact Length    | 13  | 13  |
| C | Shroud mating contact length | 6.7 | 5.9 |

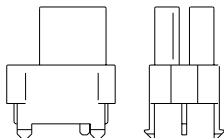
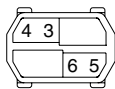


|   |                              |     |      |
|---|------------------------------|-----|------|
| A | PCB thickness                | 3.8 | 5.3  |
| B | Back-plane Contact Length    | 13  | 14.5 |
| C | Shroud mating contact length | 5.3 | 5.3  |

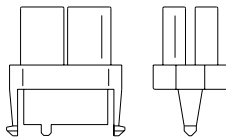
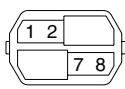
**Coding key**

This can be installed on Style A to prevent improper insertion.

Header



Receptacle



| Header        |      | Receptacle    |      | Color  | Remark                    |
|---------------|------|---------------|------|--------|---------------------------|
| Product No.   | Type | Product No.   | Type |        |                           |
| PCN21-P-CK(A) | 3456 | PCN21-S-CK(A) | 1278 | Yellow | Supports Compact PCI 3.3V |
| PCN21-P-CK(B) | 1567 | PCN21-S-CK(B) | 2348 | Blue   | Supports Compact PCI 5V   |

**Header Contacts**

Custom support for header sequenced contacts is available. Please contact a Hirose sales representative.

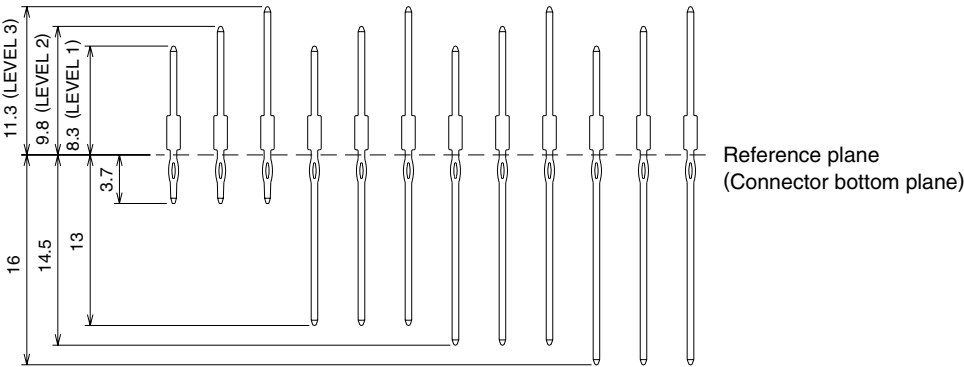
Use of rows of contacts having the same length is recommended.

Contact Code

A B C K L M N P Q R S T

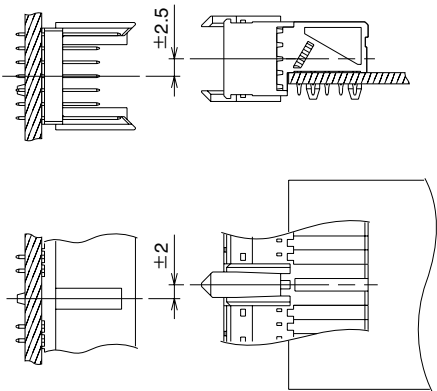
PKG Side

BWB Side



**Mating conditions**

●Lateral and longitudinal mating



●Oblique mating

