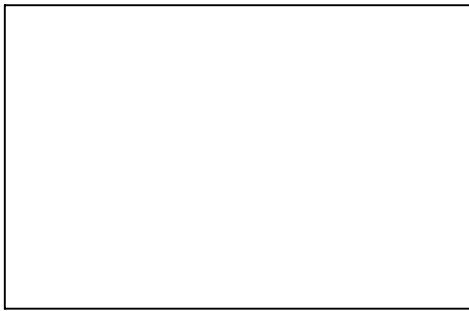


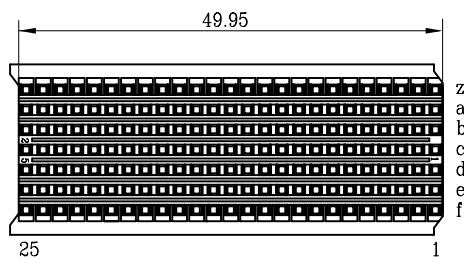
Vertical Male Type B Connectors for Fix Boards



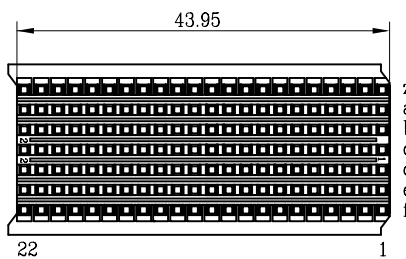
- Type B25 vertical male Connector provides signal contacts and optional shielding contacts respectively in 5+2 row x 25 position configuration.
- Type B22 vertical male Connector provides signal contacts and optional shielding contacts respectively in 5+2 row x 22 position configuration.
- Type B19 vertical male Connector provides signal contacts and optional shielding contacts respectively in 5+2 row x 19 position configuration.
- All are end to end stackable without change in contact pitch.

Dimensions

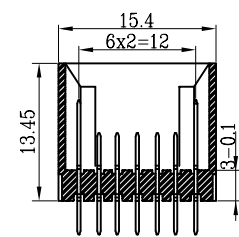
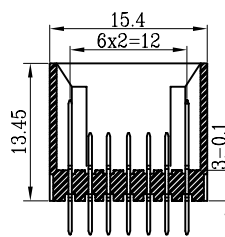
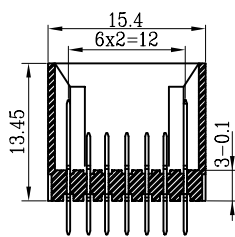
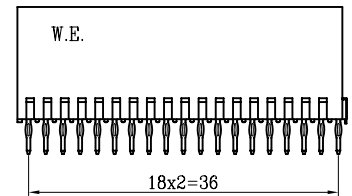
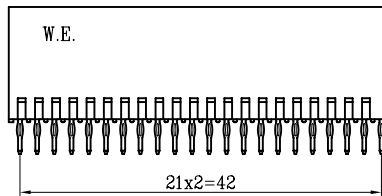
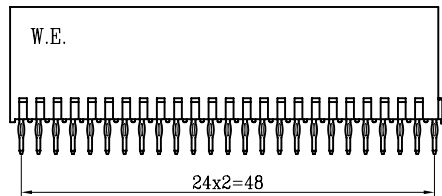
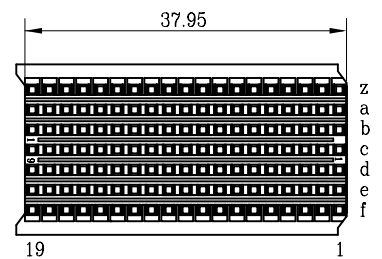
Type B25



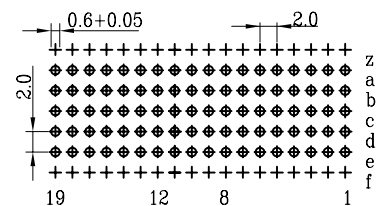
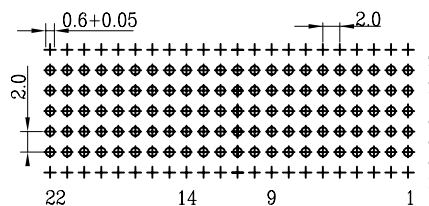
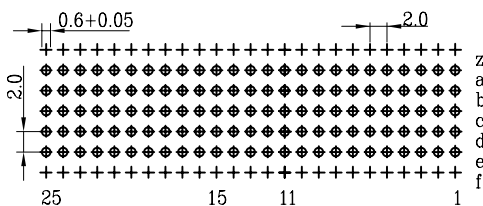
Type B22



Type B19



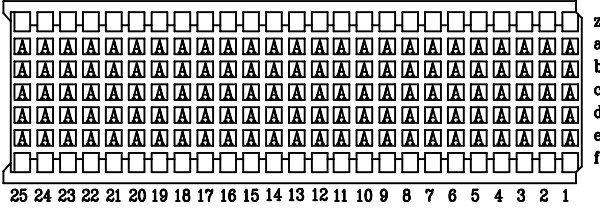
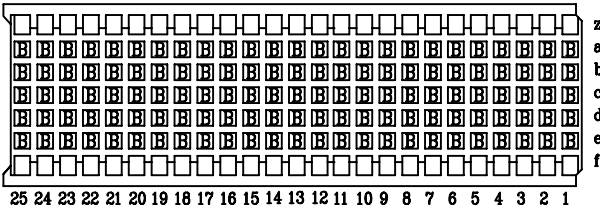
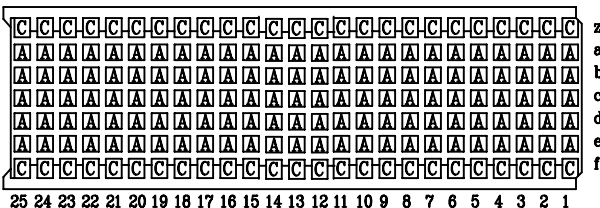
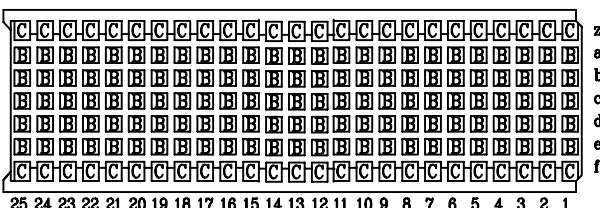
Recommended P.C.B. Layout



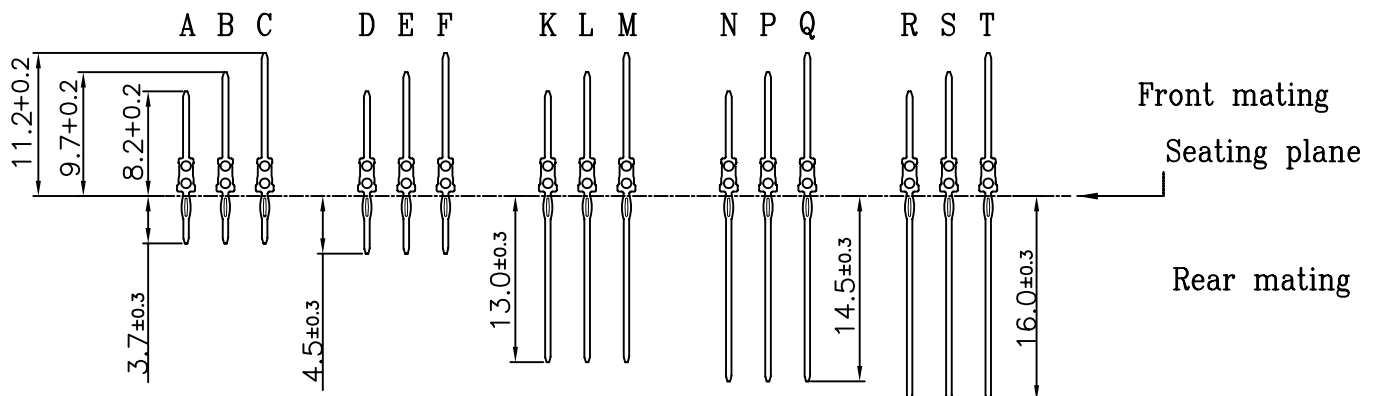
Dimensions shown are for reference only, All dimensions millimeters unless otherwise specified.

Vertical Male Type B Connectors for Fix Boards

Dimensions(Type B25)

Assembly Drawing	Total Number	Row	Type	Part Numbers
	125	z a b c d e f	- A A A A A -	1688H2B51251A-0-30
	125	z a b c d e f	- B B B B B -	1688H2B51251B-0-30
	175	z a b c d e f	C A A A A A C	1688H2B51751A-1-30
	175	z a b c d e f	C B B B B C	1688H2B51751B-1-30

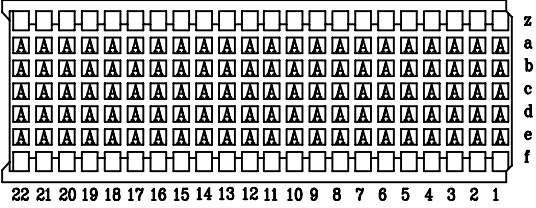
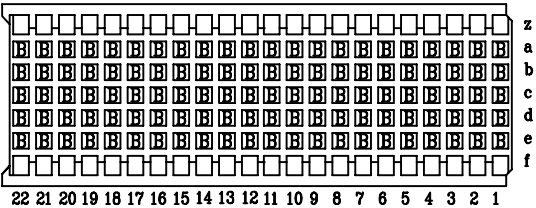
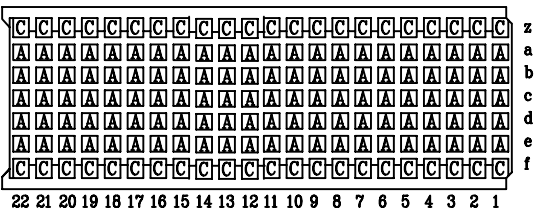
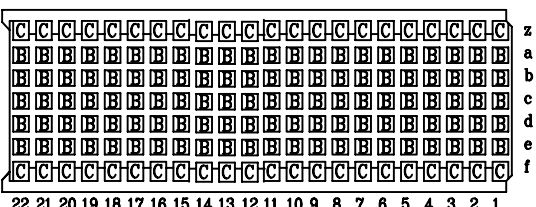
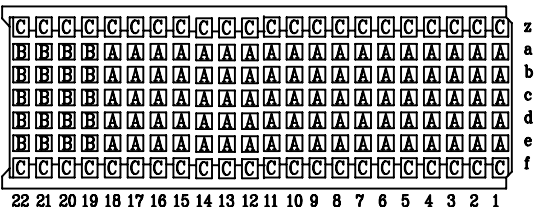
Male Contact Options



Dimensions shown are for reference purpose only. All dimensions are in millimeters unless otherwise specified.

Vertical Male Type B Connectors for Fix Boards

Dimensions(Type B22)

Assembly Drawing	Total Number	Row	Type	Part Numbers
	110	z a b c d e f	- A A A A A -	1688H2B21101A-0-30
	110	z a b c d e f	- B B B B B -	1688H2B21101B-0-30
	154	z a b c d e f	C A A A A C	1688H2B21541A-1-30
	154	z a b c d e f	C B B B B C	1688H2B21541B-1-30
<p>cPCI Telephony Spec</p> 	154	z a b c d e f	C * * * * C	1688H2B215415-1-30

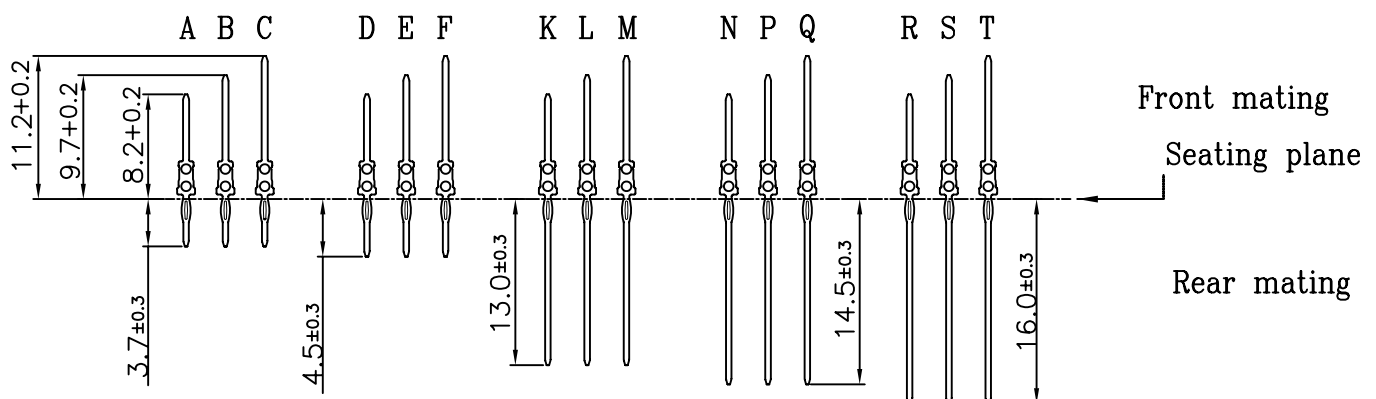
*=The row has more than one different length contact in it.

Vertical Male Type B Connectors for Fix Boards

Dimensions(Type B19)

Assembly Drawing	Total Number	Row	Type	Part Numbers
	95	z a b c d e f	- A A A A A -	1688H2B1951A-0-30
	95	z a b c d e f	- B B B B B -	1688H2B1951B-0-30
	133	z a b c d e f	C A A A A A C	1688H2B11331A-1-30
	133	z a b c d e f	C B B B B C	1688H2B11331B-1-30

Male Contact Options



Dimensions shown are for reference purpose only. All dimensions are in millimeters unless otherwise specified.

Ordering Information

1688

H

2

B5

125

1A

-0

-15

Series No.

2.0mm Hard metric

2: Male module 180°

Module Type

B5=B25 Type
B2=B22 Type
B1=B19 Type

Total Pin Counts

(Include signal & grounding pins.
Exclude shielding pin)

Code for mating length for male and Contact arrangement for female
Male:Tail mating length/Front mating length

A=3.7mm/ 8.2mm

B=3.7mm/ 9.7mm

C=3.7mm/ 11.2mm

D=4.5mm/ 8.2mm

E=4.5mm/ 9.7mm

F=4.5mm/ 11.2mm

K=13.0mm/ 8.2mm

L=13.0mm/ 9.7mm

M=13.0mm/ 11.2mm

N=14.5mm/ 8.2mm

P=14.5mm/ 9.7mm

Q=14.5mm/ 11.2mm

R=16.0mm/ 8.2mm

S=16.0mm/ 9.7mm

T=16.0mm/ 11.2mm

1x=Any one row has more than one different length contact in it .
Please consult factory to assign code no.

Contact finish

contact area	Tails
15: 0.38um Au	Tin
30: 0.76um Au	Tin
40: 1.0um Au	Tin
082: 0.2um PdNi+0.05um Au	Matte Tin
282: 0.7um PdNi+0.05um Au	Matte Tin

For male long tails version
(13mm,14.5mm,16mm)

Contact area	Tail to mating point
360: 0.76um Au	0.76um Au

Tin plated or nickel plated in the middle

310: 0.76um Au 0.76um Au
Gold flash in the middle

Ground and Shield

-1: Male 180° row z & f with
grounding pins

-0: Male 180° without grounding
pins

UL Approval