

# Board-to-Board Connectors

Series	AA03	WH1	AA01A	WB3	WR	KX14/15	KX24/25	TX24/25
Photo								
Pitch	0.4mm	0.4mm	0.5mm	0.5mm	0.5mm	0.8mm	0.8mm	1.27mm
Stacking Heights	1.0mm	1.0mm	1.5mm	4.0, 5.0mm	4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 7.0, 8.0, 9.0mm	5.0, 6.0, 8.0, 9.0, 11.0, 12.0mm	N/A	12.0-24.0mm (±2.0mm)
Pin Count (Parallel)	16,20,22,24, 30,36,40,42,50, 64,70,80	24,30,40,50	10,30,40,60	200	20,30,40,50,60, 70,80,100,120, 160	20,30,40,50,60, 70,80	80,100,120,140, 180	30,40,44,50,60, 80,100,120
Pin Count (Right Angle)	N/A	N/A	N/A	N/A	20,30,40,50,60, 70,80,120	20,30,40,50,60, 70,80	80,100,120,140, 180	30,40,44,50,60, 80,100,120
Board Mount	SMT	SMT	SMT	SMT	SMT	SMT	Thru-hole	Thru-hole
Current Rating	0.4A	0.4A	0.2A	0.5A	0.3A	0.5A	0.5A	1.0A
Voltage Rating	50VAC 50VDC	50VAC 50VDC	50VAC 50VDC	200VAC	200VAC 300VDC	200VAC 300VDC	200VAC	250VAC
Durability	50 cycles	50 cycles	30 cycles	25 cycles	500 cycles	500 cycles	500 cycles	500 cycles
Features	High retention force.	Two point contact to resist twisting stress.	Dual mating contact.	Conforms to PCI Express signal standard.	9 different vertical stack heights.	Mating guide for orientating contacts. Key to prevent mismatching.	Robust mating guide. Click response when mated.	Ribbon type contacts ensures reliable electrical continuity.



Socket side: **AA03 - S###VA1 - R6000**  
 Pin side: **AA03 - P###VA2 - R6000**

Only orderable in Reels of 6000

Socket side: **WH1S###WA1-E6000**  
 Pin side: **WH1P###WA1-E6000**

Only orderable in Reels of 6000

Socket side: **WR - ###S\_ - VF\_ - N1**

B: Positioning Boss  
 H05: +0.5mm  
 H30: +3.0mm

Vert Pin side: **WR - ###P\_ - VF\_ - N1**

B: Positioning Boss  
 50: +1.0mm  
 60: +2.0mm

R/A Pin side: **WR - ###P - HF - HD - A1E**

Socket side: **AA01A - S###VA1 - R3000**  
 Pin side: **AA01A - P###VA1 - R3000**

Only orderable in Reels of 3000

Female side: **WB3F200VD1\_**

T: Mounting Tape

Male side: **WB3M200VD1\_**

Height code: \_\_\_\_\_  
 1: Standard  
 2: +1.0mm  
 T: Mounting Tape

Receptacle: **KX14 - ##K 2 DE**

Stack Height:  
 2, 5, 8mm

Straight Plug: **KX15 - ##K 3 DE**

Stack Height:  
 2, 4mm

R/A Plug: **KX15 - ##K L DE**

Right angle

Receptacle: **KX24 - ###R - LT - H1**

Plug: **KX25 - ###P - LT - H1**

LT: Right-angle  
 6ST: Straight

H: Hook pin

Receptacle: **TX24 - ###R - LT - H1E**

Plug: **TX25 - ###P - LT - H1E**

Stacking Height: \_\_\_\_\_

Receptacle:  
 6, 10, 12mm

Plug:  
 6, 8, 12mm

\*Right-angle leave blank

H: Hook pin  
 N: No hook pin

LT: Right angle  
 ST: Straight

## Other Product Offerings

