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# Input/Output Connectors

Receptacle: **DC1R019JA7**

Cable Harness: **DC1P019ST30200B**

Restricted to HDMI Adapters  
Contact JAE for additional options

Receptacle: **DC2R019JA4**

4: without flange  
B: with flange

Cable Harness: **DC1DC2ST2150B**

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Receptacle:  
Top Mount

**DC3RX19JA2**

Modification Code  
Hold Down Type  
X, J: T/H  
O, H: SMT

Receptacle:  
Mid Mount

**DC3R019JA1**

Modification Code

Restricted to HDMI Adapters  
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Receptacle: **DD1R030HA1** Standard mount  
**DD1R030JA7** Reverse mount

Docking Plug: **DD1B030VA1** Vertical  
**DD1B030HA1** Right angle

Cable Plug: **DD1P030MA1**

Receptacle: **DD2R040HP2**

Docking Plug: **DD2B040HA2**

Cable Plug: **DD2P040MA1**

Type B Receptacle: **DX4R005 J9 1 R1500**

Hold Down Type  
J9: T/H  
H9: SMT  
JJ: Mid mount, T/H

Receptacle: **PC2RN1SU41B09S1**

Board Mount Type  
S: Standard  
R: Reverse




Terminal Length  
09: 0.85mm  
17: 1.7mm

Receptacle: **WD2F###WB1**

Height modification  
code

Plug (Dock): **WD2M###WB2**

1: 4° off vertical  
2: Vertical

Series	DC1	DC2	DC3	DD1	DD2	DX4	PC2	WD2
Photo								
Pitch	1.0mm	0.4mm	0.4 mm	0.5mm	0.5mm	0.65mm	Signal: 2.0mm Power: 2.5mm	0.5mm
I/O	Cable I/O	Cable I/O	Cable I/O	Cable I/O R/A Dock 75° Vert Dock	Cable I/O R/A Dock	Cable I/O	Cable I/O	Vertical Dock
Pin Count	19	19	19	30	40	5	9	100, 144 Signal + 4 Power
Signal Standard	HDMI	HDMI	HDMI	USB 2.0	USB 2.0	USB 2.0	USB 3.0	PCIe, USB, LVDS, TMDS, DisplayPort
Current Rating	0.5A	0.5A	0.3A	Signal: 0.5A Power: 1.0A	Signal: 0.5A Power: 1.0A	Signal: 0.5A Power: 1.8A	Signal: 0.25A Power: 1.8A	Signal: 0.5A Power: 10A per pair
Voltage Rating	40VAC	40VAC	40VAC	30VAC	30VAC	30VAC	30VAC	Signal: 200VAC Power: 20VAC
Durability	10,000 cycles	5,000 cycles	5,000 cycles	10,000 cycles	10,000 cycles	10,000 cycles	1,500 cycles	10,000 cycles
Operating Temp	-20 ~ +85 °C	-20 ~ +85 °C	-20 ~ +85 °C	-25 ~ +75 °C	-25 ~ +75 °C	-30 ~ +80 °C	-20 ~ +80 °C	-40 ~ +85 °C
Locking	Friction	Friction	Friction	Latch	Latch	Friction	Friction	N/A
Features	HDMI type A compatible. Requires HDMI adopter status.	Mini HDMI type C compatible. Requires HDMI adopter status.	Micro HDMI type D compatible. Requires HDMI adopter status.	Hugely successful design. I/O for market leading product.	Robust and compact design. Compatible with high speed signaling.	Micro USB standard compatible.	USB standard type A compatible. Smallest depth.	Compatible with various high speed differential signal standards.