

NEW! Z-Axis Pluggable Host Connectors

The 30-pin Z-Axis Pluggable host connector enables the use of emerging gigabit-speed hot-pluggable transceiver modules for horizontal front-panel access. It conforms to the host-board layout as defined in the 10 Gigabit Small Form Factor Pluggable (XFP) Multi-source Agreement (MSA) for 10-Gigabit data rates. The connector is typically used in conjunction with an XFP cage, flange and EMI gasket assembly, along with a heat sink and attachment clip, to attach an optical LC duplex or electrical XFP transceiver module to the host board.

Features:

- Card entry slot accepts 1.00mm (.039") thick integrated circuit board
- Alignment posts provide stability for PCB placement
- Coplanarity of solder terminals within 0.10mm (.004") for processing reliability
- SMT receptacle provides option for placement on either side of PCB
- Circuits: 30
- Pitch: 0.08mm (.031")
- PCB Mounting: Surface Mount
- UL File No.: E29179
- CSA File No.: 1310648

Electrical:

- Voltage: 30V
- Current: 0.5A

Physical:

- Housing: Black high temperature thermoplastic, UL 94V-0
- Plating: Contact Area: 0.76 μm minimum Gold over 2.54 μm Nickel; Solder Area: 2.54 μm Tin over 2.54 μm minimum Nickel

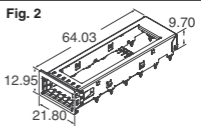
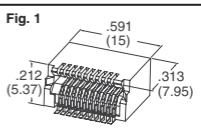


Fig.	Circuits	Digi-Key Part No.	1	Price Each	10	100	T & R Pricing*	Molex Part No.
Receptacle, Right Angle, SMT								
1	30	WM1642CT-ND†	16.84	15.44	14.44	14.00	480	

† Cut Tape * For Tape and Reel part number, change CT-ND to TR-ND.

Fig.	Description	Digi-Key Part No.	1	Price Each	10	100	Molex Part No.
XFP Cage for Small Frame Solder-Tail Post							
2	Without Heatsink or Clip	WM1638-ND	23.40	20.80	18.20	74736-0220	
	With PCI Heatsink	WM1639-ND	43.96	39.08	34.19	74736-0221	
	With SAN Heatsink	WM1640-ND	43.96	39.08	34.19	74736-0222	
	With Tall Heatsink	WM1641-ND	40.40	35.92	31.43	74736-0223	