

Datasheet for 76650-0162

General Information

Kit Part Number:	76650-0162
Connector Type:	Board-to-Board
Solution:	Power Connectors
Molex Family:	EXTreme PowerEdge™
Certificates:	N/A
Country of Origin:	Kit assembled in U.S.A

Specifications

Circuit Size:	4, 6
Current Rating:	40A
Mounting Style:	PCB Through Hole
Orientation:	Edge Connectors
Pitch:	12.90mm (.508")
Tool Included:	No
Voltage Rating:	250V

Product Highlights

EXTreme PowerEdge™ connectors are designed for direct mating to a customer's 1.58mm (.062") thick, double-sided card edge PCB or bus bar tab. These PCB connectors are High Current, up to 40.0A per contact.

Features and Benefits

- High current, up to 40.0A per contact
- Rated for current interruption
- Press-fit or solder tail terminations, compatible with standard PCBs or backplanes
- Available in 2 or 3 segments (2 contacts per segment)
- End-to-end stackable to mate with doublesided card edge lengths of up to 203.20mm (8.000")
- Compatible with competitive connector, drop-in replacement
- Isolated contacts on opposite side of connector assembly segments

Applications

- Telecommunications Equipment: Networking Hubs, Switches, Routers
- High and Mid-Range Computing Equipment
- Un-interruptible Power Supplies (UPS)
- Cellular Communications Equipment: Base Stations
- DC-DC Converters

<http://www.molexkits.com>

Bill of Materials

Molex Part No.	Description	Quantity
45719-0004	12.90mm (.508") Pitch EXTreme PowerEdge™, 2 Segments, 4 Contacts, 2.36mm (.093") PCB	1
45719-0005	12.90mm (.508") Pitch EXTreme PowerEdge™, 3 Segments, 6 Contacts, 2.36mm (.093") PCB	1
45719-0007	12.90mm (.508") Pitch EXTreme PowerEdge™, 2 Segments, 4 Contacts, 1.57mm (.062") PCB	2
45719-0008	12.90mm (.508") Pitch EXTreme PowerEdge™, 3 Segments, 6 Contacts, 1.57mm (.062") PCB	2
45714-0001	12.90mm (.508") Pitch EXTreme PowerEdge™ Press-fit, 2 Segments, 4 Contacts	1
45714-0002	12.90mm (.508") Pitch EXTreme PowerEdge™ Press-fit, 3 Segments, 6 Contacts	1

Recommended Molex Tool

Molex Part No.	Description
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