

## Datasheet for 76650-0162

### General Information

<b>Part Number:</b>	76650-0162
<b>Manufacturer:</b>	Molex / Waldom
<b>Title:</b>	EXTreme Power Edge Connector Kit
<b>Description:</b>	End to End Stackable PCB, Through Hole and Press-Fit Connector, 40A 250V
<b>Product Family:</b>	EXTreme PowerEdge™
<b>Certificates:</b>	(Molex Parts within this kit) - EU RoHS Compliant, UL and CSA
<b>Country of Origin:</b>	Kit assembled in U.S.A.

### Specifications

#### Design

<b>Configuration:</b>	Wire-to-Wire and Board-to-Board
<b>Pitch:</b>	12.90mm (.508")
<b>Type:</b>	Through Hole and Press-Fit
<b>Sizes:</b>	4 and 6 Contact Versions
<b>Current Rating:</b>	40 Amps
<b>Voltage:</b>	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 PCB's or backplanes
- Available in 2 or 3 segments (2 contacts per segment)
- End-to-end stackable to mate with double-sided 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

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### Bill of Materials for Part No. 76650-0162

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

### No Recommended Molex Tool for Part No. 76650-0162

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