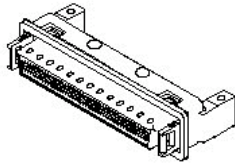# molex®
**one company ›** a world of innovation

### Part Number: 91525-1213

**0.50mm Pitch LaneLink™ I/O Latch Receptacle, 12 Lane, Cx4 Ethernet, 24 Circuits, 4 Screw Holes, Metal Gasket, Tray Packaging**

| | |
|---|---|
| **Status:** | **OBSOLETE** |
| **Replacement:** | Contact Molex |
| **Series:** | 91525 |
| **Category:** | I/O Connectors |

*Series image - Reference only*

**Mates With Part(s):**
915340020, 915340021, 915340022, 916351010, 916351011, 916351012

## Product Environmental Compliance

**EU RoHS:** ELV and RoHS Compliant
**China RoHS:** Ⓔ
**REACH SVHC:**
**Low-Halogen Status:** Not Reviewed

## Part Detail

| General | |
|---|---|
| **Status** | **Obsolete** |
| Category | I/O Connectors |
| Series | 91525 |
| Application | Wire-to-Board |
| Comments | Metal Gasket |
| Component Type | Receptacle |
| Product Name | InfiniBand*, LaneLink™ |
| Type | N/A |

| Physical | |
|---|---|
| Boot Color | N/A |
| Circuits (Loaded) | 73 |
| Circuits (maximum) | 73 |
| Circuits Detail | 24 Differential Pair |
| Color - Resin | Black |
| Durability (mating cycles max) | 250 |
| Gender | Receptacle |
| Lock to Mating Part | Yes |
| Material - Metal | Beryllium Copper, Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Number of Rows | 2 |
| Orientation | Right Angle |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.60mm, 2.10mm |
| Packaging Type | Tray |
| Panel Mount | Yes |
| Pitch - Mating Interface | 1.50mm |
| Pitch - Termination Interface | 1.50mm |
| Plating min - Mating | 0.102µm |
| Plating min - Termination | 3.048µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Ports | 1 |
| Surface Mount Compatible (SMC) | Yes |
| Temperature Range - Operating | -20°C to +60°C |
| Termination Interface: Style | Surface Mount |
| Waterproof / Dustproof | Yes |
| Wire Size AWG | N/A |

| Electrical | |
|---|---|
| **(Please review the Product Specification for specific details.)** | |
| Current - Maximum per Contact | 0.5A |
| Grounding to Panel | Screw Hole |
| Shield Type | Full Shield |
| Shielded | Yes |
| Voltage - Maximum | 30V AC |

**Material Info**

**Reference - Drawing Numbers**

| | |
|---|---|
| Application Specification | AS-91803-001 |
| Packaging Specification | PK-91803-001 |
| Sales Drawing | SD-91525-004 |

**Application Tooling**

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

**Previously Available Application Tooling**

Check our list of old tooling that used to be available for this part