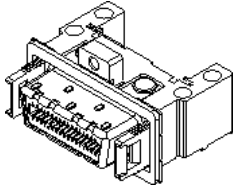


**Part Number: 91804-8414**

**0.50mm Pitch LaneLink™ I/O Latch Receptacle, 4 Lane, InfiniBand™, Cx4 Ethernet, 8 Circuits, Tape and Reel, Rear Mounts, Panel Mount, Foam Gasket**



Series image - Reference only

**Status:** **OBSOLETE**  
**Replacement:** [918048415 Metal Gasket](#)

**Series:** [91804](#)  
**Category:** I/O Connectors

**Mates With Part(s):**  
[916351020](#), [916351021](#), [916351022](#)

**Use With:**  
[917890001](#)

### Product Environmental Compliance

**EU RoHS:** ELV and RoHS Compliant

**China RoHS:**

**REACH SVHC:**

**Low-Halogen Status:** Not Reviewed

### Part Detail

#### General

<b>Status</b>	<b>Obsolete</b>
Category	I/O Connectors
Series	<a href="#">91804</a>
Application	Wire-to-Board
Comments	Foam Gasket
Component Type	Receptacle
Product Name	InfiniBand*, LaneLink™
Type	N/A

#### Physical

Circuits (Loaded)	8
Circuits (maximum)	8
Circuits Detail	8 Differential Pair
Color - Resin	Black
Durability (mating cycles max)	250
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze, Zinc Alloy
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, 2.60mm, 3.60mm
Packaging Type	Embossed Tape on Reel
Panel Mount	Yes
Pitch - Mating Interface	0.50mm
Plating min - Mating	0.102µm
Plating min - Termination	3.048µm
Polarized to Mating Part	Yes
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-20°C to +60°C
Termination Interface: Style	Surface Mount
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
Shielded	Yes
Voltage - Maximum	30V

#### Solder Process Data

Lead-free Process Capability	Reflow Capable (SMT only)
Process Temperature max. C	260

#### Material Info

UPC	822348844012
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#### Reference - Drawing Numbers

Application Specification	AS-91525-001, AS-91803-001
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Packaging Specification	PK-91525-004, PK-91803-001
Product Specification	PS-91525-001
Sales Drawing	SD-91804-001

#### 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](#)