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**Part Number:** **0918040413**  
**Status:** **Planned for Obsolescence**  
**Description:** 0.50mm (.020") Pitch LaneLink™ I/O Latch Receptacle, 4 Lane, InfiniBand™, Cx4 Ethernet, 8 Circuits, Tray, Rear Mounts, Metal Gasket

**Documents:**

[3D Model](#) [Product Specification PS-91525-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

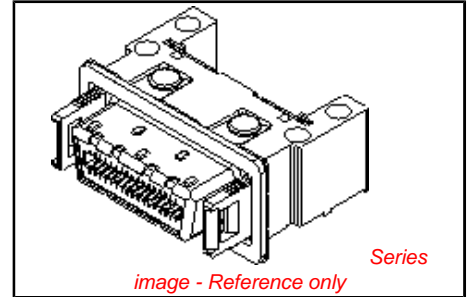
Product Family	I/O Connectors
Series	91804
Application	Wire-to-Board
Comments	Metal Gasket
Component Type	Receptacle
Product Name	InfiniBand™, LaneLink™
Type	N/A

**Physical**

Boot Color	N/A
Circuits (Loaded)	25
Circuits (maximum)	25
Circuits Detail	8 Differential Pair
Color - Resin	Black
Durability (mating cycles max)	250
Gender	Receptacle
Lock to Mating Part	Yes
Material - Metal	Beryllium Copper, 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 (.063"), 2.10mm (.083")
Packaging Type	Tray
Panel Mount	Yes
Pitch - Mating Interface	1.50mm (.059")
Pitch - Termination Interface	1.50mm (.059")
Plating min - Mating	0.102µm (4µ")
Plating min - Termination	3.048µm (120µ")
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**

Current - Maximum per Contact	0.5A
Shield Type	EMI Gasket
Shielded	Yes
Voltage - Maximum	30V AC



<p><b>EU RoHS</b>  <b>ELV and RoHS</b>  <b>Compliant</b>  <b>REACH SVHC</b>          Not Reviewed  <b>Low-Halogen Status</b>  <b>Not Reviewed</b></p>	<p><b>China RoHS</b></p>
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**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

<p><b>Search Parts in this Series</b> 91804Series</p>
<p><b>Mates With</b> 91659 , 91534 , 91630 , 91635</p>
<p><b>Use With</b> 91789-0001</p>

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-91803-001
Packaging Specification	PK-91525-002, PK-91803-001
Product Specification	PS-91525-001
Sales Drawing	SD-91804-003

\* InfiniBand is a trademark of the InfiniBand Trade Association

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