

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0918040417](#)
Status: **Obsolete**
Description: 0.50mm (.020") Pitch LaneLink™ I/O Latch Receptacle, 4 Lane, InfiniBand™, Cx4 Ethernet, 8 Circuits, Tray, Panel Mount, Metal Gasket

Documents:
[Drawing \(PDF\)](#)

General

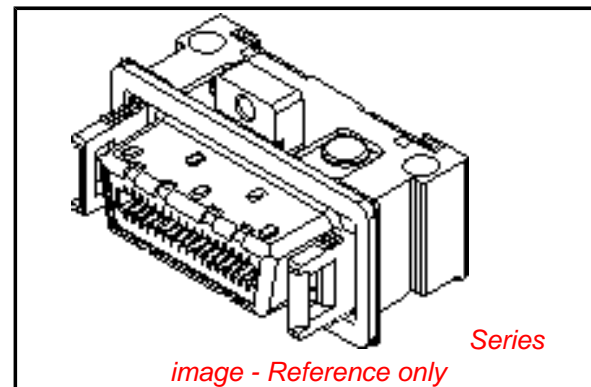
Product Family	I/O Connectors
Series	91804
Application	Wire-to-Board
Comments	Metal Gasket
Component Type	Receptacle
Product Name	InfiniBand*, LaneLink™
Type	N/A

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
Grounding to Panel	Screw Hole
Shield Type	EMI Gasket
Shielded	Yes
Voltage - Maximum	30V AC



EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
 Not Reviewed
Low-Halogen Status
 Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email 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.

Search Parts in this Series

91804Series

Mates With

91659 , 91534 , 91630 , 91635

Use With

91789-0001

Solder Process Data

Lead-free Process Capability
Process Temperature max. C

Reflow Capable (SMT only)
260

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

This document was generated on 03/11/2011

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION