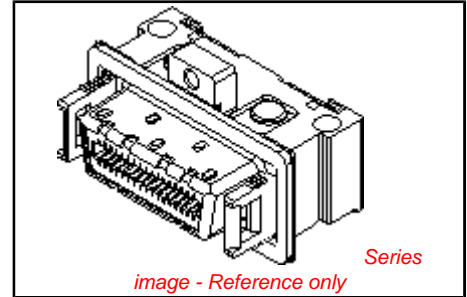


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**Part Number:** [0918048417](#)  
**Status:** **Obsolete**  
**Description:** 0.50mm (.020") Pitch LaneLink™ I/O Latch Receptacle, 4 Lane, InfiniBand™, Cx4 Ethernet, 8 Circuits, Tape and Reel, Panel Mount, Metal Gasket

**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**

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	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"), 4.00mm (.157")
Packaging Type	Embossed Tape on Reel
Panel Mount	Yes
Pitch - Mating Interface	0.50mm (.020")
Plating min - Mating	0.102µm (4µ")
Plating min - Termination	3.048µm (120µ")
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**

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**

**Reference - Drawing Numbers**

<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>	<b>China RoHS</b> 
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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.

**Search Parts in this Series**  
 91804Series

**Mates With**  
 91659 , 91534 , 91630 , 91635

**Use With**  
 91789-0001

Application Specification	AS-91803-001
Packaging Specification	PK-91525-004, PK-91803-001
Product Specification	PS-91525-001
Sales Drawing	SD-91804-003

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