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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

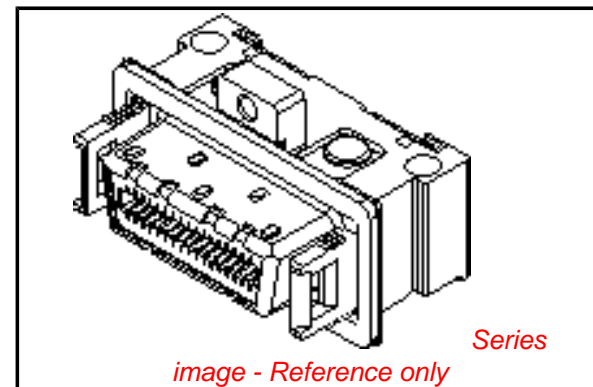
Current - Maximum per Contact	0.5A
Grounding to Panel	Screw Hole
Shielded	Yes
Voltage - Maximum	30V

Solder Process Data

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

Material Info

Reference - Drawing Numbers



EU RoHS

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

China RoHS



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Search Parts in this Series

91804Series

Mates With

91659 , 91534 , 91630 , 91635

Use With

91789-0001

Application Specification
Packaging Specification
Product Specification
Sales Drawing

AS-91803-001
PK-91525-004, PK-91803-001
PS-91525-001
SD-91804-003

* InfiniBand is a trademark of the InfiniBand Trade Association

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