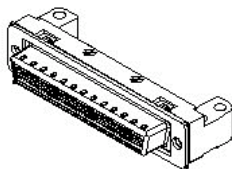


**Part Number: 91629-8216**

0.50mm Pitch LaneLink™ I/O Jack Screw Receptacle, 4 Lane and 12 Lane, SAS, SATA, Fibre Channel, 24 Circuits, 4 Solder Posts, Tape & Reel



Series image - Reference only

Status:	<b>OBSOLETE</b>
Replacement:	Contact Molex
Series:	91629
Category:	I/O Connectors

**Mates With Part(s):**

[916591010](#), [916591011](#), [916591012](#)

**Product Environmental Compliance**

**EU RoHS:** ELV and RoHS Compliant

**China RoHS:** 

**REACH SVHC:**

**Low-Halogen Status:** Not Reviewed

**Part Detail****General**

Status	Obsolete
Category	I/O Connectors
Series	<a href="#">91629</a>
Application	Wire-to-Board
Component Type	Receptacle
Product Name	InfiniBand*, LaneLink™
Type	N/A

**Physical**

Circuits (Loaded)	24
Circuits (maximum)	24
Circuits Detail	24 Differential Pair
Color - Resin	Black
Durability (mating cycles max)	250
Lock to Mating Part	Yes
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm, 2.40mm, 4.00mm
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
Shielded	Yes
Voltage - Maximum	30V

**Solder Process Data**

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

**Material Info**

UPC	822348560707
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**Reference - Drawing Numbers**

Application Specification	AS-91525-001, AS-91803-001
Packaging Specification	PK-91629-002, PK-91629-003, PK-91803-001
Product Specification	PS-91525-001
Sales Drawing	SD-91629-004

**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](#)