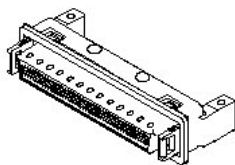


**Part Number: 91525-1257**

0.50mm Pitch LaneLink™ I/O Latch Receptacle, 12 Lane, Cx4 Ethernet, 24 Circuits, 2 Solder Posts, Panel Mount, Metal Gasket, Tray Packaging, 1.60mm PCB Thickness



Series image - Reference only

Status: **OBSOLETE**
Replacement: Contact Molex

Series: [91525](#)
Category: I/O Connectors

Mates With Part(s):

[915340020](#), [915340021](#), [915340022](#), [916351010](#), [916351011](#), [916351012](#)

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	91525
Application	Wire-to-Board
Comments	Metal Gasket
Component Type	Receptacle
Product Name	InfiniBand*, LaneLink™
Type	N/A

Physical

Boot Color	N/A
Circuits (Loaded)	73
Circuits (maximum)	73
Circuits Detail	24 Differential Pair
Color - Resin	Black
Durability (mating cycles max)	250
Gender	Receptacle
Lock to Mating Part	Yes
Material - Metal	Beryllium Copper, Brass, Phosphor Bronze
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, 2.10mm
Packaging Type	Tray
Panel Mount	Yes
Pitch - Mating Interface	1.50mm
Pitch - Termination Interface	1.50mm
Plating min - Mating	0.102µm
Plating min - Termination	3.048µm
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**(Please review the Product Specification for specific details.)**

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

Material Info

UPC	822350627948
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Reference - Drawing Numbers

Application Specification	AS-91803-001
Packaging Specification	PK-91803-001
Sales Drawing	SD-91525-004

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](#)