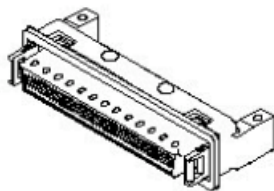# molex®
one company › a world of innovation

Part Number: 91525-8416

0.50mm Pitch LaneLink™ I/O Latch Receptacle, 4 Lane, Cx4 Ethernet, 8 Circuits, 2 Screw Holes, Panel Mount, Tape and Reel Packaging

Status:	**OBSOLETE**
Replacement:	918048416 Foam Gasket, 918048417 Metal Gasket
Series:	91525
Category:	I/O Connectors

Series image - Reference only

Mates With Part(s):
916351020, 916351021, 916351022

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
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	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
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

UPC	822348246694

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