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Part Number:

0916290414

Status:

Obsolete

Description:

0.50mm (.020") Pitch LaneLink™ I/O Jack Screw Receptacle, 4 Lane and 12 Lane, SAS, SATA, Fibre Channel, 8 Circuits, 2 Solder Posts

Replacement Part Number:

918030414 with Foam Gaske 918030415 with Metal Gask

Documents:

[Drawing \(PDF\)](#)

General	
Product Family	I/O Connectors
Series	91629
Application	Wire-to-Board
Component Type	Receptacle
Product Name	InfiniBand*, LaneLink™
Replacement Part Number	918030414 with Foam Gaske
Replacement Part Number	918030415 with Metal Gask
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	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 (.063"), 2.40mm (.094"), 4.00mm (.157")
Packaging Type	Tray
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
Shielded	Yes
Voltage - Maximum	30V

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

Material Info

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed



Need more information on product environmental compliance?

Email 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

91629Series

Mates With

916591020 , 916591021 , 916591022

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