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**Part Number:** **0749603018**  
**Status:** **Active**  
**Overview:** TDP® Triad® Differential Pair  
**Description:** 1.27mm Pitch TDP® (Triad® Differential Pair) PCIe\* x 1 Receptacle, Right Angle, Surface Mount, with PCB Press-Fit Pegs, 18 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-74960-100 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-74960-995 (PDF)</a>
<a href="#">Product Specification PS-74960-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	I/O Connectors
Series	<u>74960</u>
Application	Wire-to-Board
Component Type	Receptacle
MolexKits	Yes
Overview	<u>TDP® Triad® Differential Pair</u>
Product Name	PCI Express†, TDP®
Type	N/A
UPC	883906385897

**Physical**

Circuits (Loaded)	18
Circuits (maximum)	18
Color - Resin	Black
Flammability	94V-0
Lock to Mating Part	Yes
Material - Metal	Beryllium Copper
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	4.018/g
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Panel Mount	Yes
Pitch - Mating Interface	1.27mm
Plating min - Mating	0.381µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-20°C to +85°C
Termination Interface: Style	Surface Mount
Wire Size AWG	N/A

**Electrical**

Current - Maximum per Contact	1.5A
Grounding to Panel	Screw Hole
Shielded	Yes
Voltage - Maximum	40V

**Material Info**



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant with Exemption 6(c)**

**REACH SVHC**

Not Contained Per - ED/21/2016 (20 June 2016)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	50 Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[74960 Series](#)

**Mates With**

[75000 Plug](#)

**Use With**

[74962 Jack Posts](#)

**Reference - Drawing Numbers**

Application Specification	AS-74960-100
Packaging Specification	PK-74960-995
Product Specification	PS-74960-000
Sales Drawing	SD-74960-010

\*PCIe is a registered trademark of PCI-SIG®. †PCI Express is a registered trademark of PCI-SIG®.

This document was generated on 10/17/2016

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