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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:**

[3D Model](#) [Packaging Specification PK-74960-995 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family I/O Connectors  
 Series [74960](#)  
 Application Wire-to-Board  
 Component Type Receptacle  
 MolexKits Yes  
 Overview [TDP® Triad® Differential Pair](#)  
 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

**Search Parts in this Series**

[74960 Series](#)

**Mates With**

[75000 Plug](#)

**Use With**

[74962 Jack Posts](#)

**Reference - Drawing Numbers**

Packaging Specification

PK-74960-995

Sales Drawing

SD-74960-010

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

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