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Part Number: [74960-3018](#)
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](#) [Application Specification AS-74960-100 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-74960-000 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

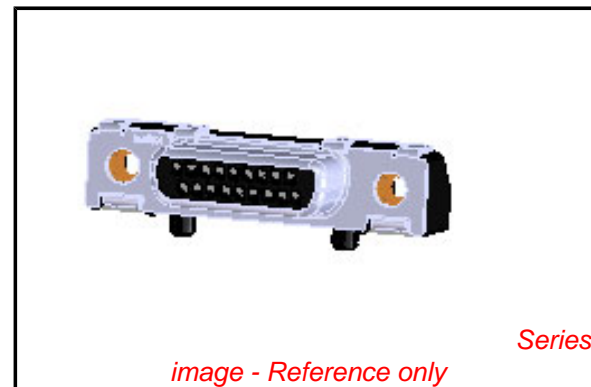
Product Family I/O Connectors
 Series [74960](#)
 Application Wire-to-Board
 Component Type Receptacle
 MolexKits Yes
 Overview [TDP® Triad™ Differential Pair](#)
 Product Name PCI Express*, TDP®
 Type N/A
 UPC 883906385897

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



EU RoHS **China RoHS**
RoHS Compliant by Exemption
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen



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

[74960Series](#)

Mates With

[75000 Plug](#)

Use With

[74962 Jack Posts](#)

Material Info

Reference - Drawing Numbers

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

This document was generated on 12/18/2014

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