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Part Number: 0749603018

Status: Active

Overview: <u>tdp_triad_differential_pair</u>

Description: 1.27mm (.050") Pitch TDP® (Triad® Differential Pair) PCle x 1 Receptacle, Right

Angle, Surface Mount, with PCB Press-Fit Pegs, 18 Circuits

Documents:

3D Model Product Specification PS-74960-000 (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

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

Orientation Right Angle
PCB Locator Yes
PCB Retention Yes

Packaging Type Embossed Tape on Reel

Panel Mount Yes 0.050 In Pitch - Mating Interface (in) Pitch - Mating Interface (mm) 1.27 mm Plating min: Mating (µin) 15 Plating min: Mating (µm) 0.38 Plating min: Termination (µin) 100 Plating min: Termination (µm) 2.5 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 Contact1.5AGrounding to PanelScrew HoleShieldedYesVoltage - Maximum40V



image - Reference only

China RoHS

EU RoHS
RoHS Compliant by

Exemption REACH SVHC

Contains SVHC: No Halogen-Free Status

Halogen-Free

Need more information on product environmental compliance?

Email <u>productcompliance@molex.com</u>
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the <u>Contact Us</u> section for any non-product compliance questions.

Search Parts in this Series

<u>74960</u>Series

Mates With 75000 Plug

Use With

74962 Jack Posts

Material Info

Reference - Drawing Numbers

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

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