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Part Number: [0749603048](#)
Status: **Active**
Overview: [tdp_triad_differential_pair](#)
Description: 1.27mm (.050") Pitch TDP® (Triad® Differential Pair) Receptacle, Right Angle, Surface Mount, with PCB Press-Fit Pegs, 48 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 TDP®
Type N/A

Physical

Circuits (Loaded) 48
Circuits (maximum) 48
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
Pitch - Mating Interface 1.27mm (.050")
Plating min - Mating 0.381µm (15µ")
Plating min - Termination 2.540µm (100µ")
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



image - Reference only

Series

EU RoHS

RoHS Compliant by Exemption
REACH SVHC
Not Reviewed
Low-Halogen Status
Low-Halogen

China RoHS



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](#)

Reference - Drawing Numbers

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

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