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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

Drawing (PDF)

Product Specification PS-74960-000 (PDF)

Application Specification AS-74960-100 (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

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

50

Pb

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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