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Part Number:

48321-1000

Status:

Active

Overview:

Slimline Serial ATA ODD Connectors

Description:

1.00mm, 1.27mm Pitch Slimline Serial ATA Receptacle, Right Angle, Standard DIP with Nut, Gold (Au) Flash Plating, Mounted Height: 3.50mm, with LCP Aligner, Lead-Free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-48321-001 (PDF)

Test Summary TS-48321-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

UL

LR19980

E29179

General

Product Family

Series

Application

Comments

Overview

Product Name

UPC

PCB Receptacles

48321

Board-to-Board, Signal

Standard DIP, with nut and pin-alignment

Slimline Serial ATA ODD Connectors

Serial ATA, Slimline Serial ATA

883906087678

Physical

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

Flammability

Glow-Wire Compliant

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Pitch - Termination Interface

Plating min - Mating

Plating min - Termination

Polarized to Mating Part

Polarized to PCB

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

13

13

Black

500

94V-0

No

Yes

Yes

No

Copper Alloy

Gold

Tin

High Temperature Thermoplastic

1

Right Angle

1.60mm

Yes

Yes

1.60mm

Embossed Tape on Reel

1.00mm, 1.27mm

1.00mm, 1.27mm

0.051µm

2.540µm

Yes

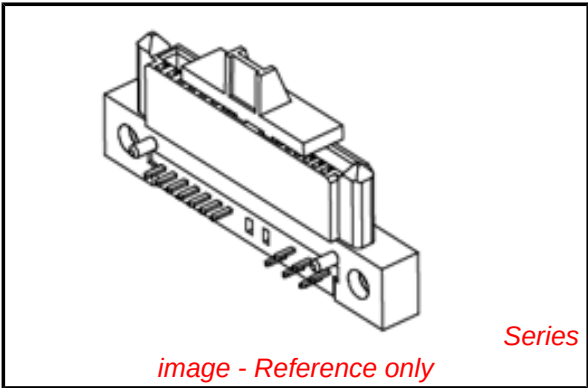
Yes

No

Yes

-40°C to +85°C

Through Hole



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

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

48321Series

Mates With

473001xxx Slimline Serial ATA Plugs

Electrical

Current - Maximum per Contact	1A
Grounding to PCB	Yes
Voltage - Maximum	15V (RMS)

Material Info

Reference - Drawing Numbers

Product Specification	PS-48321-001
Sales Drawing	E-48321-001, SD-48321-001
Test Summary	TS-48321-001

This document was generated on 10/11/2012

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