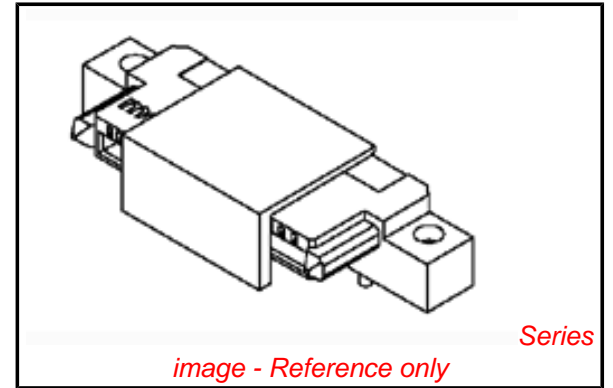


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Part Number: [48325-4003](#)
Status: **Active**
Overview: Slimline Serial ATA ODD Connectors
Description: 1.00mm, 1.27mm Pitch Slimline Serial ATA Receptacle, Right Angle, Reverse Type, Through Hole, 0.76µm Gold (Au) Plating, Mounted Height: 5.80mm, with Cap and Screw, Lead-Free

Documents:

[3D Model](#) [Test Summary TS-48325-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-48321-001 \(PDF\)](#)



Agency Certification

CSA LR19980
 UL E29179

General

Product Family PCB Receptacles
 Series [48325](#)
 Application Board-to-Board, Signal
 Comments Screw version
 Overview [Slimline Serial ATA ODD Connectors](#)
 Product Name Serial ATA, Slimline Serial ATA

Physical

Circuits (Loaded) 13
 Circuits (maximum) 13
 Color - Resin Black
 Durability (mating cycles max) 500
 Flammability 94V-0
 Glow-Wire Compliant No
 Guide to Mating Part Yes
 Keying to Mating Part Yes
 Lock to Mating Part No
 Material - Metal Copper Alloy
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Number of Rows 1
 Orientation Right Angle
 PC Tail Length 1.80mm
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 1.80mm
 Packaging Type Embossed Tape on Reel
 Pitch - Mating Interface 1.00mm, 1.27mm
 Pitch - Termination Interface 1.00mm, 1.27mm
 Plating min - Mating 0.762µm
 Plating min - Termination 2.540µm
 Polarized to Mating Part Yes
 Polarized to PCB Yes
 Robotic Placement Pick and Place Cap
 Stackable No
 Surface Mount Compatible (SMC) Yes
 Temperature Range - Operating -40°C to +85°C
 Termination Interface: Style 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

[48325Series](#)

Mates With

[473001xxx Slimline Serial ATA Plugs](#)

Electrical

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

Solder Process Data

Duration at Max. Process Temperature (seconds)	3
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260

Material Info

UPC	883906116750
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Reference - Drawing Numbers

Product Specification	PS-48321-001
Sales Drawing	SD-48325-001
Test Summary	TS-48325-001

This document was generated on 06/19/2012

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