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**Part Number:** [48336-2002](#)  
**Status:** **Active**  
**Overview:** Slimline Serial ATA ODD Connectors  
**Description:** 1.00mm, 1.27mm Pitch Slimline Serial ATA Receptacle, Right Angle, Reverse SMT with Clip, 0.38µm Gold (Au) Plating, Mounted Height: 7.60mm, Lead-Free

**Documents:**

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

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

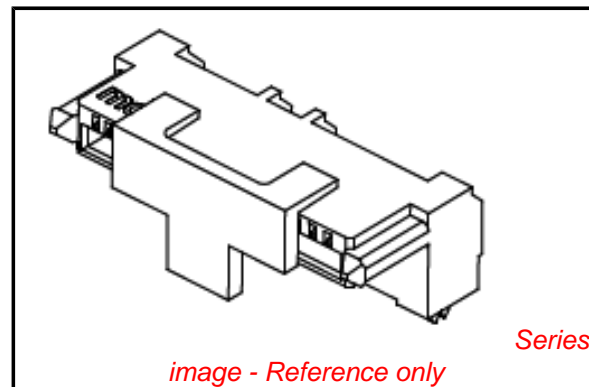
Product Family PCB Receptacles  
 Series [48336](#)  
 Application Board-to-Board, Signal  
 Comments Reverse SMT Type, with Clip  
 Overview [Slimline Serial ATA ODD Connectors](#)  
 Product Name Serial ATA, Slimline Serial ATA  
 UPC 883906370763

**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  
 PCB Locator No  
 PCB Retention Yes  
 PCB Thickness - Recommended 1.60mm  
 Packaging Type Embossed Tape on Reel  
 Pitch - Mating Interface 1.00mm, 1.27mm  
 Pitch - Termination Interface 1.00mm, 1.27mm  
 Plating min - Mating 0.381µm  
 Plating min - Termination 2.540µm  
 Polarized to Mating Part Yes  
 Polarized to PCB Yes  
 Robotic Placement Pick and Place Cap  
 Stackable No  
 Temperature Range - Operating -40°C to +85°C  
 Termination Interface: Style Surface Mount

**Electrical**

Current - Maximum per Contact 1A



**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](mailto: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**

48336Series

**Mates With**

473001xxx Slimline Serial ATA Plugs

Grounding to PCB  
Voltage - Maximum

Yes  
15V (RMS)

**Material Info**

**Reference - Drawing Numbers**

Product Specification  
Sales Drawing

PS-48321-001  
SD-48336-001

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