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**Part Number:** [48325-4001](#)  
**Status:** **Active**  
**Overview:** Slimline Serial ATA ODD Connectors  
**Description:** 1.00mm, 1.27mm Pitch Slimline Serial ATA Receptacle, Right Angle, Reverse Type, Through Hole, Gold (Au) Flash Plating, Mounted Height:5.80mm, with Cap and Screw, Lead-Free

**Documents:**

<a href="#">3D Model</a>	<a href="#">Test Summary TS-48325-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-48321-001 (PDF)</a>	

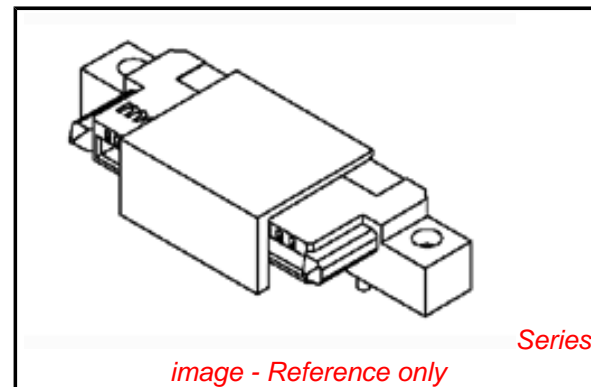


image - Reference only

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	PCB Receptacles
Series	<a href="#">48325</a>
Application	Board-to-Board, Signal
Comments	Screw version
Overview	<a href="#">Slimline Serial ATA ODD Connectors</a>
Product Name	Serial ATA, Slimline Serial ATA
UPC	883906116736

**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	0.051µm
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

**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**

[48325Series](#)

**Mates With**

[473001xxx Slimline Serial ATA Plugs](#)

Termination Interface: Style Through Hole

**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 SD-48325-001  
Test Summary TS-48325-001

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