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Part Number: [48330-0002](#)
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: 6.85mm, Lead-Free

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-48321-001 \(PDF\)](#)
[Test Summary TS-48330-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

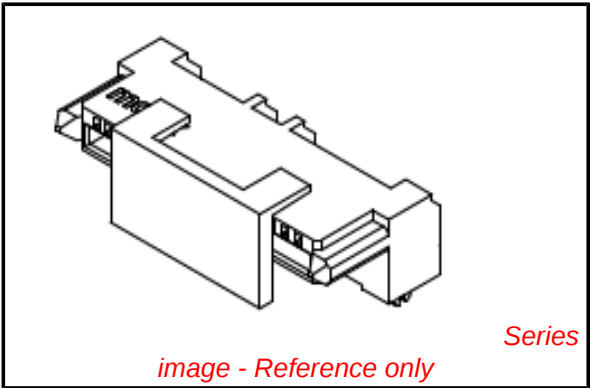
General

Product Family PCB Receptacles
Series [48330](#)
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 883906088347

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 Phosphor Bronze
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



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
[48330Series](#)

Mates With
[473001xxx](#) Slimline Serial ATA Plugs

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-48330-001
Test Summary	TS-48330-001

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