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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 | Test Summary TS-48330-001 (PDF) |
| Drawing (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-48321-001 (PDF) | |

Agency Certification

| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

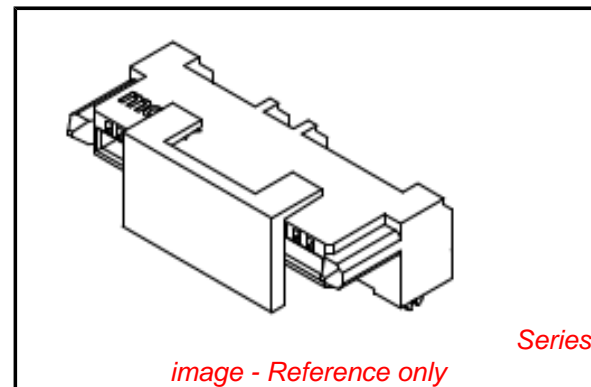
General

| | |
|----------------|--|
| Product Family | PCB Receptacles |
| Series | 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 |

This document was generated on 01/10/2013

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