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Part Number: [0476281000](#)
Status: **Active**
Overview: [slimline serial ata odd connectors](#)
Description: 1.27mm (.050") Pitch Removeable Slimline Serial ATA Receptacle for Optical Disk Drive, Right Angle, Screw Hole Type, 0.76µm (30µ") Gold (Au) Plating, Leadfree

Documents:

[3D Model](#) [Product Specification PS-47628-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

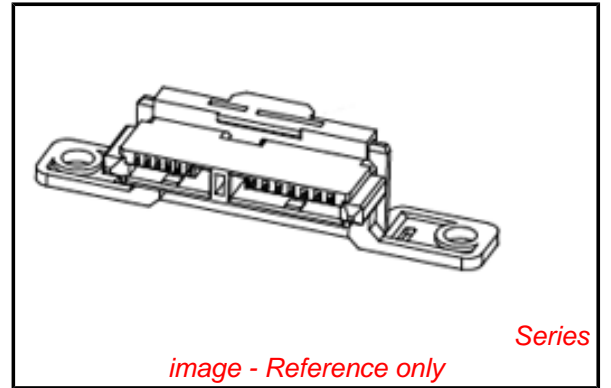
CSA LR 19980
 UL E29179

General

Product Family PCB Receptacles
 Series [47628](#)
 Application Board-to-Board
 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 Yes
 Material - Metal Copper Alloy
 Material - Plating Mating Gold
 Material - Plating Termination Nickel
 Material - Resin Polyester
 Number of Rows 1
 Orientation Right Angle
 PCB Locator No
 PCB Retention Yes
 Packaging Type Tray
 Pitch - Mating Interface (in) 0.039 In, 0.050 In
 Pitch - Mating Interface (mm) 1.00 mm, 1.27 mm
 Pitch - Term. Interface (in) 0.039 In, 0.050 In
 Pitch - Term. Interface (mm) 1.00 mm, 1.27 mm
 Plating min: Mating (µin) 30
 Plating min: Mating (µm) 0.75
 Plating min: Termination (µin) 49
 Plating min: Termination (µm) 1.25
 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 -35°C to +85°C
 Termination Interface: Style Screw or Lug



EU RoHS

**ELV and RoHS
 Compliant**
**REACH SVHC
 Not Reviewed**
**Halogen-Free
 Status
 Not Reviewed**

China RoHS



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 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

[47628Series](#)

Mates With

[473001xxx Slimline Serial ATA Plugs](#)

Electrical

Current - Maximum per Contact	1.5A
Grounding to PCB	Yes
Voltage - Maximum	15V DC

Material Info**Reference - Drawing Numbers**

Packaging Specification	PK-47628-011
Product Specification	PS-47628-001
Sales Drawing	SD-47628-100

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