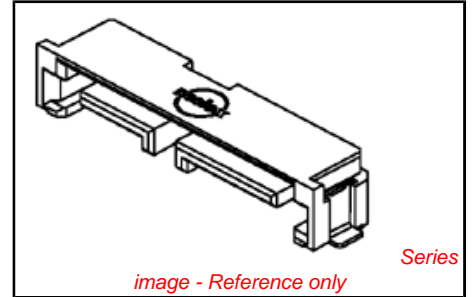


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Part Number: [0473001040](#)
Status: **Active**
Overview: [slimline_serial_ata_odd_connectors](#)
Description: 1.00mm(.039"), 1.27mm (.050") Pitch Slimline Serial ATA Plug for Optical Disk Drive with Fitting Type Soldering Nail, Right Angle, Gold (Au) Flash Plating, with Pegs, Lead-free

Documents:

[3D Model](#) [Product Specification PS-47300-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)



Agency Certification

CSA LR19980

General

Product Family PCB Headers
 Series 47300
 Application Board-to-Board, Signal
 Comments Fitting Standard Type
 Overview [slimline_serial_ata_odd_connectors](#)
 Product Name Serial ATA, Slimline Serial ATA

Physical

Breakaway No
 Circuits (Loaded) 13
 Circuits (maximum) 13
 Durability (mating cycles max) 500
 First Mate / Last Break Yes
 Flammability 94V-0
 Glow-Wire Compliant No
 Guide to Mating Part Yes
 Keying to Mating Part Yes
 Lock to Mating Part No
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Number of Rows 1
 Orientation Right Angle
 PCB Locator Yes
 PCB Retention Yes
 Packaging Type Embossed Tape on Reel
 Pitch - Mating Interface 1.00mm (.039"), 1.27mm (.050")
 Pitch - Termination Interface 1.00mm (.039"), 1.27mm (.050")
 Plating min - Mating 0.051µm (2µ")
 Plating min - Termination 1.016µm (40µ")
 Polarized to Mating Part Yes
 Polarized to PCB Yes
 Stackable No
 Temperature Range - Operating -35°C to +85°C
 Termination Interface: Style Surface Mount

Electrical

Current - Maximum per Contact 1.5A
 Voltage - Maximum 15V DC

Solder Process Data

Duration at Max. Process Temperature (seconds) 10

EU RoHS **China RoHS**

ELV and RoHS Compliant
REACH SVHC
 Not Reviewed
Low-Halogen Status
Low-Halogen



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

47300Series

Mates With

47628 , 47639, 47645, 47650, 78380, 48321, 48325, 48330, 48336, 47657
 Slimline Serial ATA Receptacles

Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260

Material Info

Country of Origin	CN, HK
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Reference - Drawing Numbers

Packaging Specification	PK-47300-001
Product Specification	PS-47300-001

This document was generated on 11/17/2010

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