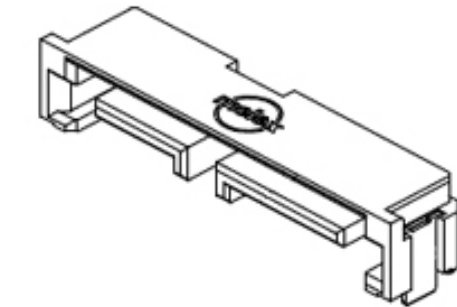


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Part Number: [47300-1022](#)
Status: **Active**
Overview: Slimline Serial ATA ODD Connectors
Description: 1.00mm, 1.27mm Pitch Slimline Serial ATA Plug for Optical Disk Drive with DIP Standard Type Soldering Tabs, Right Angle, 0.76µm Gold (Au) Plating, with Peg, 5.4mm Mounted Height, Lead-Free



Series

image - Reference only

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 Soldering Standard Type
Overview [Slimline Serial ATA ODD Connectors](#)
Product Name Serial ATA, Slimline Serial ATA
UPC 800756824628

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
Net Weight 1.055/g
Number of Rows 1
Orientation Right Angle
PCB Locator Yes
PCB Retention Yes
Packaging Type Embossed Tape on Reel
Pitch - Mating Interface 1.00mm, 1.27mm
Pitch - Termination Interface 1.00mm, 1.27mm
Plating min - Mating 0.762µm
Plating min - Termination 1.016µm
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

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Low-Halogen Status

Low-Halogen

China RoHS



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, [48321](#) , [48325](#) , [48330](#) , [48336](#) , [47657](#)
Slimline Serial ATA Receptacles

Solder Process Data

Duration at Max. Process Temperature (seconds)	10
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Electrical Model Document	EE-48325-001
Product Specification	PS-47300-001
Sales Drawing	SD-47300-100

This document was generated on 10/25/2012

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