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Part Number: [47391-3002](#)
Status: **Active**
Overview: External Serial ATA
Description: 1.27mm Pitch External Serial ATA Shelled Plug without Flange, Bottom Mount, Right Angle, Unmating Height 5.35mm, 0.38µm Gold (Au) Plating, 7 Circuits, with Vacuum Pick-Up Tape, Lead-Free

Documents:

[3D Model](#) [Product Specification PS-47082-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

| | |
|----------------|-------------------------------------|
| Product Family | I/O Connectors |
| Series | 47391 |
| Application | Wire-to-Board |
| Comments | Without Flange |
| Component Type | Plug, Receptacle |
| Overview | External Serial ATA |
| Product Name | External Serial ATA |
| Type | N/A |
| UPC | 884982135741 |

Physical

| | |
|--------------------------------|-----------------------|
| Boot Color | N/A |
| Circuits (Loaded) | 7 |
| Circuits (maximum) | 7 |
| Color - Resin | Black |
| Gender | Plug |
| Keying to Mating Part | Yes |
| Lock to Mating Part | Yes |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Net Weight | 1.997/g |
| Number of Rows | 1 |
| Orientation | Right Angle |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.30mm |
| Packaging Type | Embossed Tape on Reel |
| Panel Mount | Yes |
| Pitch - Mating Interface | 1.27mm |
| Pitch - Termination Interface | 1.27mm |
| Plating min - Mating | 0.381µm |
| Plating min - Termination | 1.270µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Ports | 1 |
| Temperature Range - Operating | -35°C to +85°C |
| Termination Interface: Style | Surface Mount |
| Waterproof / Dustproof | No |

Electrical

| | |
|-------------------------------|--------|
| Current - Maximum per Contact | 1.5A |
| Grounding to Panel | Yes |
| Shielded | Yes |
| Voltage - Maximum | 15V DC |

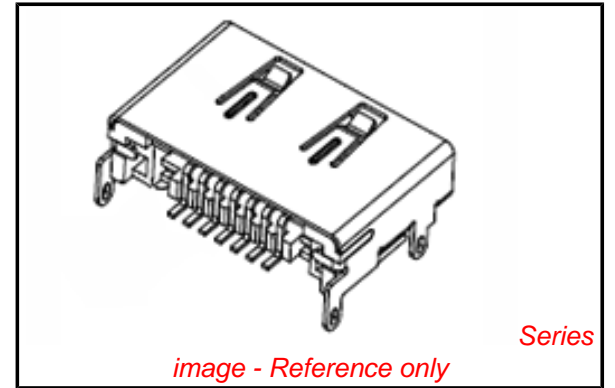


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EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Low-Halogen

China RoHS



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environmental compliance?**

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 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

[47391Series](#)

Mates With

[68782](#) External Serial ATA Receptacle Cable

Solder Process Data

| | |
|--|---------------------------|
| Duration at Max. Process Temperature (seconds) | 3 |
| Lead-free Process Capability | Reflow Capable (SMT only) |
| Max. Cycles at Max. Process Temperature | 1 |
| Process Temperature max. C | 255 |

Material Info**Reference - Drawing Numbers**

| | |
|-----------------------|--------------|
| Product Specification | PS-47082-001 |
| Sales Drawing | SD-47391-300 |

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