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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, Unmated Height 5.35mm, 0.38µm Gold (Au) Plating, 7 Circuits, with Vacuum Pick-Up Tape, Lead-Free

Documents:

[3D Model](#)
[Drawing \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General

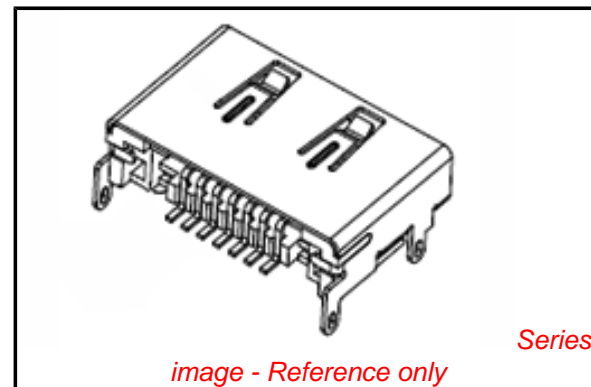
Product Family	I/O Connectors
Series	47391
Application	Wire-to-Board
Comments	Without Flange
Component Type	Plug, Receptacle
Overview	External Serial ATA
Product Name	External Serial ATA
Type	N/A
UPC	884982135741

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



EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Low-Halogen

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

[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**

Sales Drawing	SD-47391-300
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