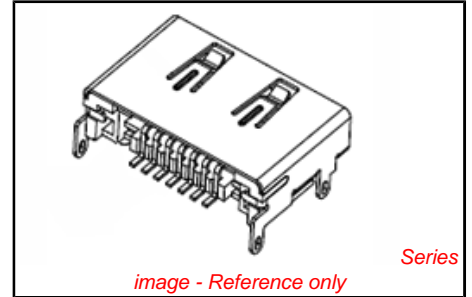


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Part Number: [0473913000](#)
Status: **Active**
Overview: [external_serial_ata](#)
Description: 1.27mm (.050") Pitch External Serial ATA Shelled Plug without Flange, Bottom Mount, Right Angle, Unmating Height 5.35mm (.211"), Gold (Au) Flash, 7 Circuits, 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

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
Number of Rows	1
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.30mm (.051")
Packaging Type	Embossed Tape on Reel
Panel Mount	Yes
Pitch - Mating Interface	1.27mm (.050")
Pitch - Termination Interface	1.27mm (.050")
Plating min - Mating	0.051µm (2µ")
Plating min - Termination	1.270µm (50µ")
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

Solder Process Data

<p>EU RoHS ELV and RoHS Compliant REACH SVHC Not Reviewed Low-Halogen Status Not Low-Halogen</p>	<p>China RoHS</p>
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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
[47391Series](#)

Mates With
[68782](#) External Serial ATA Receptacle Cable

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

Packaging Specification	PK-47379-001
Product Specification	PS-47082-001
Sales Drawing	SD-47391-300

This document was generated on 01/11/2011

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