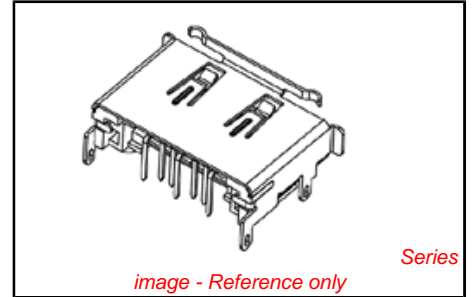


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**Part Number:** [0473921104](#)  
**Status:** **Active**  
**Overview:** [external\\_serial\\_ata](#)  
**Description:** 1.27mm (.050") Pitch External Improved Metal-Shielded Serial ATA Plug, Through Hole, Right Angle, 0.38µm (15µ") Gold (Au) Plating, Unmating Height 7.70mm (.303"), Red, Inline Plastic Pegs, without Mylar, 7 Circuits, 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	<a href="#">47392</a>
Application	Wire-to-Board
Comments	In Line Posts. DIP Mount with Shell
Component Type	Plug
Overview	<a href="#">external_serial_ata</a>
Product Name	External Serial ATA
Type	N/A

**Physical**

Boot Color	N/A
Circuits (Loaded)	7
Circuits (maximum)	7
Color - Resin	Red
Gender	Plug
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
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	Tray
Panel Mount	Front
Pitch - Mating Interface	1.27mm (.050")
Pitch - Termination Interface	1.27mm (.050")
Plating min - Mating	0.381µm (15µ")
Plating min - Termination	1.270µm (50µ")
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-35°C to +85°C
Termination Interface: Style	Through Hole
Waterproof / Dustproof	No

**Electrical**

Current - Maximum per Contact	1.5A
Grounding to Panel	All Panel Ground Tabs
Shield Type	Upper Shielding
Shielded	Yes

<p><b>EU RoHS</b>  <b>ELV and RoHS</b>  <b>Compliant</b>  <b>REACH SVHC</b>          Not Reviewed  <b>Low-Halogen Status</b>  <b>Not Low-Halogen</b></p>	<p><b>China RoHS</b></p>
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**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto: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**  
[47392Series](#)

**Mates With**  
[68782](#) External Serial ATA Cable Assemblies . [47078-0001](#) , [47078-1001](#) , [47078-2001](#) , [47078-0003](#) , [47078-0004](#)  
 Cable Connector for External Serial ATA

Voltage - Maximum 15V DC

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 30  
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, PK-47379-002  
Product Specification PS-47082-001  
Sales Drawing SD-47392-100

This document was generated on 01/11/2011

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