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**Part Number:** [47379-0100](#)  
**Status:** **Active**  
**Overview:** External Serial ATA  
**Description:** 1.27mm Pitch External Improved Metal-Shielded Serial ATA Plug, Unmating Height 7.70mm, Gold (Au) Flash, Top Surface Mount with Shell, Right Angle, 7 Circuits, with Vacuum Pick-Up Tape, with in-line peg position, Lead-Free

**Documents:**

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

**Agency Certification**

UL E29179

**General**

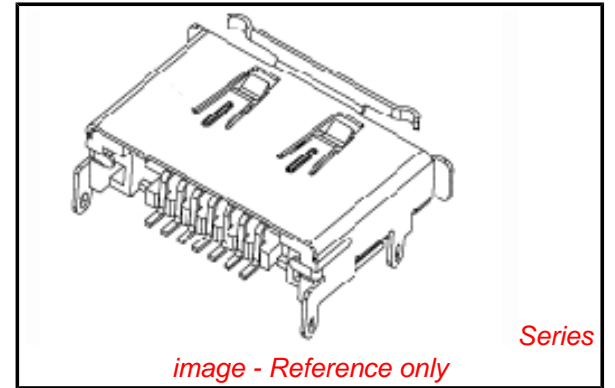
Product Family I/O Connectors  
 Series [47379](#)  
 Application Wire-to-Board  
 Component Type Plug  
 Overview [External Serial ATA](#)  
 Product Name External Serial ATA  
 Type N/A  
 UPC 822350870733

**Physical**

Boot Color N/A  
 Circuits (Loaded) 7  
 Circuits (maximum) 7  
 Flammability 94V-0  
 Gender Male  
 Keying to Mating Part Yes  
 Lock to Mating Part Yes  
 Material - Metal Brass  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Net Weight 2.158/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 0.051µm  
 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



**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Not Low-Halogen**

**China RoHS**



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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**

47379Series

**Mates With**

68782 External Serial ATA Cable Assemblies

Grounding to Panel	Yes
Shielded	Yes
Voltage - Maximum	15V DC

#### **Solder Process Data**

Duration at Max. Process Temperature (seconds)	8
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-47379-001
Product Specification	PS-47082-001
Sales Drawing	SD-47379-100

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