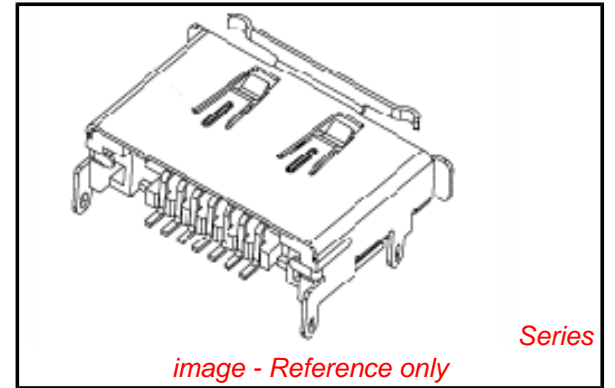


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Part Number: [47379-0100](#)
Status: **Active**
Overview: External Serial ATA
Description: 1.27mm Pitch External Improved Metal-Shielded Serial ATA Plug, Unmated Height 7.70mm, Gold (Au) Flash, Top Surface Mount with Shell, Right Angle, 7 Circuits,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

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)



Agency Certification

UL E29179


General

Product Family	I/O Connectors
Series	47379
Application	Wire-to-Board
Component Type	Plug
Electrical Model	Yes
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

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

47379Series

Mates With

68782 External Serial ATA Cable Assemblies

Current - Maximum per Contact	1.5A
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
S-Parameter Model	SP-47379-001
Sales Drawing	SD-47379-100

This document was generated on 08/13/2014

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