

## Part Number: 47211-1000

1.27mm Pitch External Improved Metal-Shielded Serial ATA Plug, Through Hole with Shell, Right Angle, Unmated Height 7.70mm, Bottom Mount, 0.38μm Gold (Au) Plating, 7 Circuits, with Mylar, Lead-Free



Series image - Reference only

Status: **Obsolete**  
Replacement: Contact MolexSeries: 47211  
Category: I/O Connectors

Go to Part Detail ▾

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## Mates With Part(s):

[68782 External Serial ATA Cable Assemblies](#)

## Specifications &amp; Other Documents:

Note - Please disable browser pop-up blockers to view documents on [www.molex.com](http://www.molex.com)

## Product Environmental Compliance

Questions on Product Environmental Compliance? Email [productcompliance@molex.com](mailto:productcompliance@molex.com)

EU ELV: Not Relevant

EU RoHS: Compliant

China RoHS:

REACH SVHC: No -ED/39/2015 (15 June 2015)

Low-Halogen Status: Not Low-Halogen



RoHS Certificate of Compliance (PDF)



Multiple Part Product Compliance Form

## Application Tooling

FAQ

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

## Previously Available Application Tooling

[Check our list of old tooling that used to be available for this part](#)

## Part Detail

COLLAPSE ALL

## ▼ General

Status	Obsolete
Category	I/O Connectors
Series	47211
Application	Wire-to-Board
Comments	Bottom Mount Type
Component Type	Plug
Product Name	External Serial ATA
Type	N/A
UPC	822350968966

## ▼ Physical

Boot Color	N/A
Circuits (Loaded)	7
Circuits (maximum)	7
Circuits Detail	7 Circuits
Color - Resin	Black
Gender	Plug
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	2.197/g
Number of Rows	1
Orientation	Right Angle
PC Tail Length	2.18mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.30mm
Packaging Type	Embossed Tape on Reel
Panel Mount	Front
Pitch - Mating Interface	1.27mm
Pitch - Termination Interface	1.27mm
Plating min - Mating	0.381μm
Plating min - Termination	1.905μm
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
Wire Size AWG	N/A

## ▼ Electrical

(Please review the Product Specification for specific details.)

Current - Maximum per Contact	1.5A
Grounding to Panel	All Panel Ground Tabs

Shield Type	Full Shield
Shielded	Yes

Voltage - Maximum	15V DC
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## ▼ Material Info

## ▼ Reference - Drawing Numbers

Sales Drawing	SD-47211-100
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## Molex Connectors

Board-to-Board  
Board-to-Board  
Wire-to-Wire  
Input/Output (I/O)  
Sockets

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