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**Part Number:** [76867-1013](#)  
**Status:** **Active**  
**Overview:** [iPass+™ HD Interconnect System](#)  
**Description:** [iPass+™ HD Internal Cable and Connector Assembly, 1x4, , 0.76µm, Lead-Free](#)

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Test Summary TS-76866-100 (PDF)</a>
<a href="#">Product Specification PS-76867-001 (PDF)</a>	<a href="#">Test Summary TS-76867-001 (PDF)</a>
<a href="#">Application Specification AS-76867-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification AS-76867-002 (PDF)</a>	

**Agency Certification**

CSA	LR19980
UL	E107635

**General**

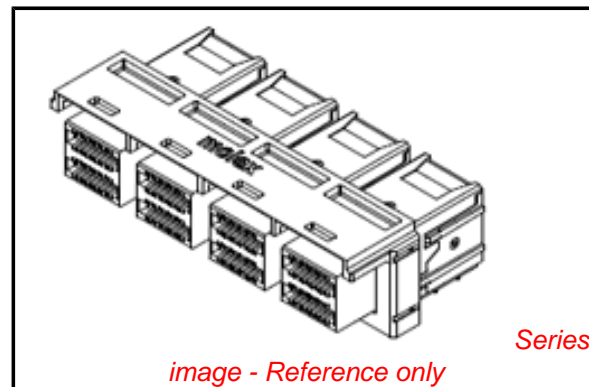
Product Family	I/O Connectors
Series	<a href="#">76867</a>
Application	Wire-to-Board
Component Type	Internal Receptacles
Electrical Model	Yes
Overview	<a href="#">iPass+™ HD Interconnect System</a>
Product Name	iPass+™
Type	N/A
UPC	887191048840

**Physical**

Circuits (Loaded)	144
Circuits (maximum)	144
Color - Resin	Black
Durability (mating cycles max)	250
Flammability	94V-0
Lock to Mating Part	Yes
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	15.965/g
Number of Rows	1
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.37mm
Packaging Type	Tray
Panel Mount	No
Pitch - Mating Interface	0.75mm
Pitch - Termination Interface	0.75mm
Plating min - Mating	0.762µm, 1.524µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	4
Temperature Range - Operating	-40°C to +80°C
Termination Interface: Style	Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact	1A
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**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

**Contains SVHC: No  
Low-Halogen Status  
Low-Halogen**

**China RoHS**



**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**

[76867Series](#)

**Mates With**

[111068 iPass™ Cable Assembly](#)

**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.*

**Global**

Description	Product #
HD Removal Tool	<a href="#">0622030100</a>
Press-In Tool	<a href="#">0622030110</a>

Voltage - Maximum

30V AC (RMS)/DC

## Material Info

### Reference - Drawing Numbers

Application Specification	AS-76867-001, AS-76867-002
Electrical Model Document	EE-76866-001, EE-76866-100
Product Specification	PS-76867-001
S-Parameter Model	SP-76866-001, SP-76866-100
Sales Drawing	SD-76867-1000
Test Summary	TS-76866-100, TS-76867-001

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