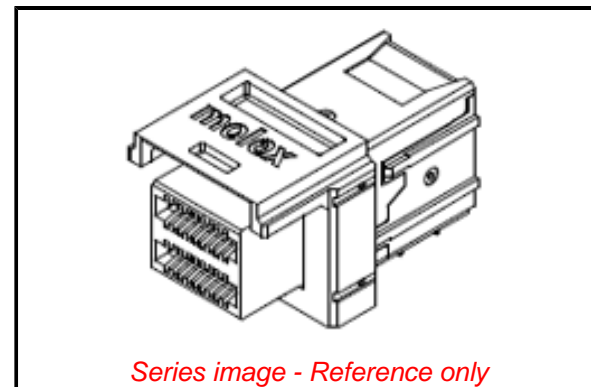


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0768671011](#)  
**Status:** **Active**  
**Overview:** [iPass+ HD Interconnect System](#)  
**Description:** [iPass+™ HD Internal Cable and Connector Assembly, 1x1, 0.76µm, Lead-Free](#)

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-76867-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification AS-76867-002-001 (PDF)</a>
<a href="#">Product Specification PS-76867-001-001 (PDF)</a>	<a href="#">Packaging Specification PK-76867-001 (PDF)</a>
<a href="#">Product Specification TS-76866-1004-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification TS-76867-001-001 (PDF)</a>	



*Series image - Reference only*

**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	887191049212

**Physical**

Circuits (Loaded)	36
Circuits (maximum)	36
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	4.236/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	1
Temperature Range - Operating	-40°C to +80°C
Termination Interface: Style	Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact	1.0A
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**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/30/2017 (7 July  
2017)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[76867](#) Series

**Mates With**

[111068](#) iPass™ Cable Assembly

Voltage - Maximum	30V AC (RMS)/DC
<b>Solder Process Data</b>	
Lead-free Process Capability	N/A
<b>Material Info</b>	
<b>Reference - Drawing Numbers</b>	
Application Specification	AS-76867-001-001, AS-76867-002-001
Electrical Model Document	EE-76866-1004
Packaging Specification	PK-76867-001
Product Specification	PS-76867-001-001, TS-76866-1004-001, TS-76867-001-001
S-Parameter Model	SP-76866-001, SP-76866-100, SP-76866-1004
Sales Drawing	SD-76867-1000
Symbol/Footprint Data	SYM-76867-1011_REV7

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