

**Part Number :** [768671012](#)

**Product Description :** iPass+ HD Internal Cable and Connector Assembly, 1x2 , 0.76μm, Lead-Free

**Series Number :** 76867

**Status :** Active

**Product Category :** High-Speed I/O Connectors

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## Documents & Resources

### Drawings

[768671012\\_sd.pdf](#)

[PK-76867-001-001.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[EE-76866-1004-001.pdf](#)

[SP-76866-001-001.zip](#)

[SP-76866-100-001.zip](#)

[SP-76866-1004-001.zip](#)

### Specifications

[AS-76867-001-001.pdf](#)

[AS-76867-002-001.pdf](#)

[PS-76867-001-001.pdf](#)


[TS-76866-1004-001.pdf](#)

[TS-76867-001-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant

Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

### Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

### Substances of Interest

- PFAS

### EU RoHS Certificate of Compliance

### Additional Product Compliance Information

## Part Details

### General

Status	Active
Category	High-Speed I/O Connectors
Series	76867
Description	iPass+ HD Internal Cable and Connector Assembly, 1x2 , 0.76µm, Lead-Free
Application	Wire-to-Board
Component Type	Internal Receptacle
Product Name	iPass+
Type	Pluggable
UPC	887191049229

### Agency

CSA	LR19980
UL	E107635

## Electrical

Current - Maximum per Contact	1.0A
Voltage - Maximum	30V AC (RMS)/DC

## Physical

Circuits (Loaded)	72
Circuits (maximum)	72
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
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	8.145/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Tray
Panel Mount	No
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.37mm
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	2
Temperature Range - Operating	-40° to +80°C
Termination Interface Style	Through Hole - Compliant Pin

## Solder Process Data

Lead-Free Process Capability	N/A
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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Internal iPass+ HD-to-iPass+ HD, 4X Short Body Cable Assemblies	<u>100171</u>
Internal iPass+ HD-to-iPass+ HD, 8X Short Body Cable Assemblies	<u>100172</u>
Internal iPass+ HD-to-iPass+ HD, 4X Short Body Cable Assemblies	<u>100189</u>
Internal iPass+ HD-to-iPass+ HD, 8X Short Body Cable Assemblies	<u>100190</u>
Internal iPass+ HD-to-iPass+ HD, 4X Short Body Cable Assemblies	<u>100219</u>
Internal iPass+ HD-to-iPass+ HD, 8X Short Body Cable Assemblies	<u>100220</u>
Internal iPass+ HD-to-iPass+ HD, 4X Short Body Cable Assemblies	<u>100221</u>
Internal iPass+ HD-to-iPass+ HD, 4X Short Body Cable Assemblies	<u>100222</u>
Internal iPass+ HD-to-iPass+ HD, 4X Short Body Cable Assemblies	<u>100223</u>
Internal iPass+ HD-to-iPass+ HD, 8X Short Body Cable Assemblies	<u>100224</u>
Internal iPass+ HD-to-iPass+ HD, 8X Short Body Cable Assemblies	<u>100225</u>
Internal iPass+ HD-to-iPass+ HD, 8X Short Body Cable Assemblies	<u>100226</u>

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## Application Tooling

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