

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

**Part Number:** [0768661211](#)  
**Status:** **Active**  
**Overview:** [iPass+ HD Interconnect System](#)  
**Description:** [iPass+ HD Cage and Receptacle with Extended Snout 1x1, 0.76µm, Lead-Free](#)

**Documents:**

<a href="#">3D Model</a>	<a href="#">Test Summary TS-76866-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Test Summary TS-76866-1004-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-76866-001-001 (PDF)</a>	

**Agency Certification**

CSA	LR19980
UL	E107635

**General**

Product Family	I/O Connectors
Series	<a href="#">76866</a>
Application	Wire-to-Board
Component Type	External Integrated Cage, Receptacle
Overview	<a href="#">iPass+ HD Interconnect System</a>
Product Name	iPass+
Type	N/A
UPC	887191048888

**Physical**

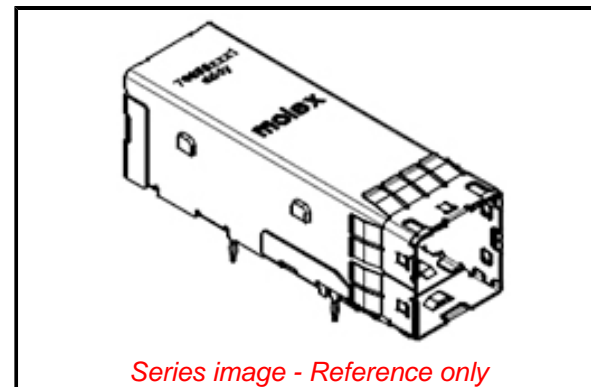
Circuits (Loaded)	36
Circuits (maximum)	36
Color - Resin	Black
Durability (mating cycles max)	250
Flammability	94V-0
Lock to Mating Part	Yes
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	7.722/g
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
Packaging Type	Tray
Panel Mount	No
Pitch - Mating Interface	0.75mm
Pitch - Termination Interface	0.75mm
Plating min - Mating	0.762µm
Plating min - Termination	0.762µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Temperature Range - Operating	-40° to +80°C
Termination Interface: Style	Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact	0.75A
Voltage - Maximum	30V AC (RMS)/DC

**Solder Process Data**

Lead-freeProcess Capability	N/A
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*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ECHA\_01\_2020 (16  
January 2020

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[76866 Series](#)

**Mates With**

iPass Cable Assembly [111068](#) , [111075](#) ,  
[111077](#)

**Material Info**

**Reference - Drawing Numbers**

Electrical Model Document

EE-76866-1004

Product Specification

PS-76866-001-001

S-Parameter Model

SP-76866-1004

Sales Drawing

SD-76866-1002-001

Test Summary

TS-76866-001-001, TS-76866-1004-001

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