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Part Number: [76866-1121](#)
Status: **Active**
Overview: [iPass+™ HD Interconnect System](#)
Description: [iPass+™ HD Cage and Receptacle 1x1, 0.76µm Tin, Lead-Free](#)

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Test Summary TS-76866-100 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E107635

General

Product Family I/O Connectors
 Series [76866](#)
 Application Wire-to-Board
 Component Type I/O Plug Connector Subassembly, Receptacle
 Overview [iPass+™ HD Interconnect System](#)
 Product Name iPass+™
 Type N/A
 UPC 887191049243

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 9.348/g
 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
 Temperature Range - Operating -40°C to +80°C
 Termination Interface: Style Through Hole - Compliant Pin

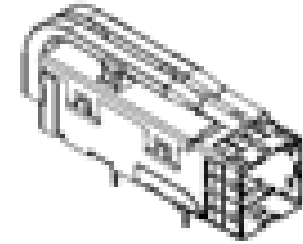
Electrical

Current - Maximum per Contact 1A
 Voltage - Maximum 30V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Electrical Model Document EE-76866-001, EE-76866-100



*Series
image - Reference only*

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Low-Halogen

China RoHS



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

Email 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

[76866Series](#)

Mates With

[111068 iPass™ Cable Assembly](#)

S-Parameter Model
Sales Drawing
Signal Integrity Report
Test Summary

SP-76866-001, SP-76866-100
SD-76866-1001
SI-76866-101
TS-76866-100

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