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Part Number: [0768661123](#)
Status: **Active**
Overview: iPass+™ HD Interconnect System
Description: iPass+™ HD Cage and Receptacle with Light Pipes 1x4, 0.76µm, Lead-Free

Documents:

3D Model	Test Summary TS-76866-001 (PDF)
Drawing (PDF)	Test Summary TS-76866-1004 (PDF)
Product Specification PS-76866-001 (PDF)	RoHS Certificate of Compliance (PDF)
Packaging Specification PK-76866-002 (PDF)	

Agency Certification

CSA	LR19980
UL	E107635

General

Product Family	I/O Connectors
Series	76866
Application	Wire-to-Board
Component Type	External Integrated Cage, Receptacle
Electrical Model	Yes
Overview	iPass+™ HD Interconnect System
Product Name	iPass+™
Type	N/A
UPC	887191049267

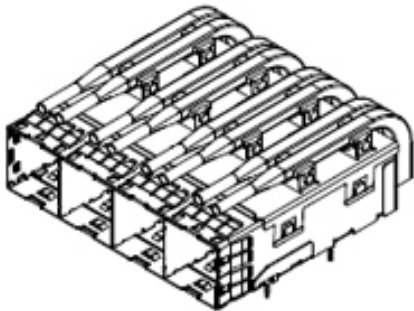
Physical

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	29.781/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°C 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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

Halogen-Free

Status

Low-Halogen

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

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

China ROHS	Green Image
ELV	Not Relevant

Search Parts in this Series

[76866](#) Series

Mates With

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

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 #
Press-In Tool	0622030050
HD Removal Tool	0622030060

Lead-free	Process Capability	N/A
Material Info		
Reference - Drawing Numbers		
Electrical Model Document		EE-76866-1004
Packaging Specification		PK-76866-002
Product Specification		PS-76866-001
S-Parameter Model		SP-76866-001, SP-76866-100, SP-76866-1004
Sales Drawing		SD-76866-1001, SD-76866-9900
Test Summary		TS-76866-001, TS-76866-1004

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