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Part Number: 0768661125
Status: Active
Overview: iPass+™ HD Interconnect System
Description: iPass+™ HD Cage and Receptacle with Light Pipes 1x2, 0.76µm, Lead-Free

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-76866-001 \(PDF\)](#)
[Test Summary TS-76866-001 \(PDF\)](#)
[Test Summary TS-76866-100 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

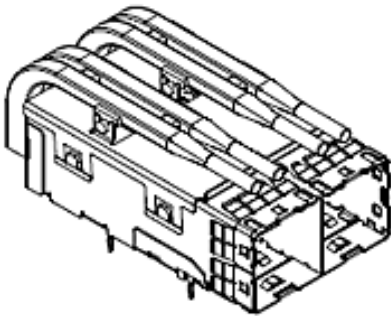
Agency Certification
CSA LR19980
UL E107635

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 887191049274

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 over Nickel
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 19.611/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
Lead-freeProcess Capability N/A



Series image - Reference only

EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant
REACH SVHC
Contains SVHC(2014 December 17): No
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

Material Info

Reference - Drawing Numbers

Electrical Model Document	EE-76866-001, EE-76866-100
Product Specification	PS-76866-001
S-Parameter Model	SP-76866-001, SP-76866-100
Sales Drawing	SD-76866-1001
Signal Integrity Report	SI-76866-101
Test Summary	TS-76866-001, TS-76866-100

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