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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:
[3D Model](#)
[Drawing \(PDF\)](#)
[3D Model \(PDF\)](#)
[Product Specification PS-76866-001-001 \(PDF\)](#)
[Test Summary TS-76866-001-001 \(PDF\)](#)
[Test Summary TS-76866-1004-001 \(PDF\)](#)
[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
Overview [iPass+ HD Interconnect System](#)
Product Name iPass+
Type N/A
UPC 887191048888

Physical

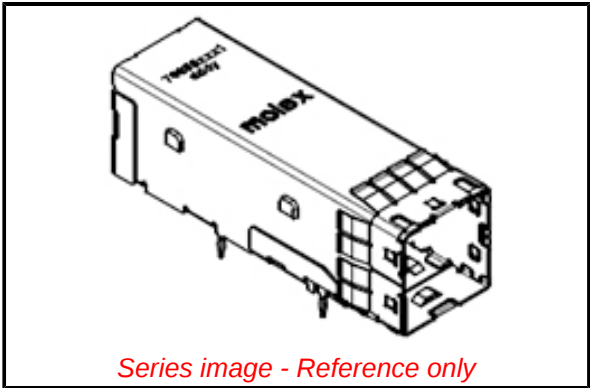
Circuits (Loaded) 36
Circuits (maximum) 36
Color - Resin Black
Durability (mating cycles max) 250
Flammability 94V-0
Lock to Mating Part Yes
Material - Metal High Performance Alloy (HPA)
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
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



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

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-76866-1004-001
Product Specification	PS-76866-001-001
S-Parameter Model	SP-76866-1004-001
Sales Drawing	SD-76866-1002-001
Test Summary	TS-76866-001-001, TS-76866-1004-001

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