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Part Number: **0768661015**
Status: **Active**
Overview: iPass+ HD Interconnect System
Description: iPass+ HD Cage and Receptacle 1x2, 0.76µm, Lead-Free

Documents:

3D Model	Product Specification TS-76866-1004-001 (PDF)
Drawing (PDF)	Application Specification AS-76866-001-001 (PDF)
Product Specification PS-76866-001-001 (PDF)	Application Specification AS-76866-002-001 (PDF)
Product Specification TS-76866-001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E107635

General

Product Family	I/O Connectors
Series	<u>76866</u>
Application	Wire-to-Board
Component Type	External Integrated Cage, Receptacle
Electrical Model	Yes
Overview	<u>iPass+ HD Interconnect System</u>
Product Name	iPass+
Type	N/A
UPC	887191048871

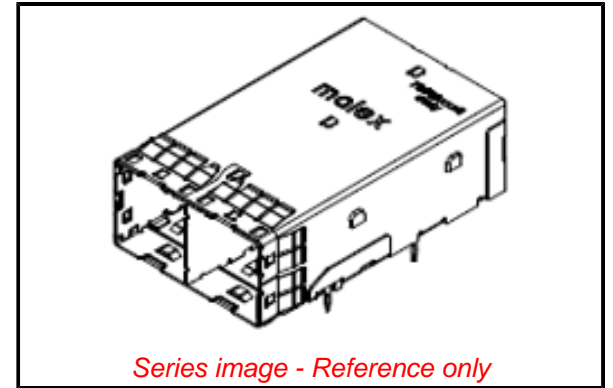
Physical

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	14.033/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



EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/61/2018 (27 June
2018)

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

ELV

RoHS Phthalates

Green Image

Compliant

Not Contained

Search Parts in this Series

76866 Series

Mates With

iPass Cable Assembly 111068 , 111075 ,
111077

Lead-freeProcess Capability

N/A

Material Info

Reference - Drawing Numbers

Application Specification
Electrical Model Document
Product Specification

AS-76866-001-001, AS-76866-002-001
EE-76866-1004
PS-76866-001-001, TS-76866-001-001,
TS-76866-1004-001
SP-76866-100, SP-76866-1004

S-Parameter Model

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