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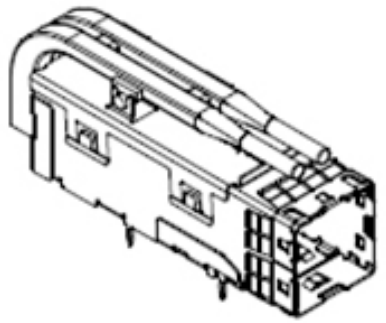
Part Number: 0768661121
Status: Active
Overview: iPass+™ HD Interconnect System
Description: iPass+™ HD Cage and Receptacle with Light Pipes 1x1, 0.76µm, Lead-Free



Series image - Reference only

Documents:

- 3D Model
- Drawing (PDF)
- Product Specification PS-76866-001 (PDF)
- Test Summary TS-76866-001 (PDF)
- Test Summary TS-76866-1004 (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	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	1.57mm
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

EU ELV
Not Relevant

EU RoHS | **China 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

Material Info

Reference - Drawing Numbers

Electrical Model Document	EE-76866-1004
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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