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Part Number: [0768671011](#)
Status: **Active**
Overview: [iPass+™ HD Interconnect System](#)
Description: [iPass+™ HD Internal Cable and Connector Assembly, 1x1, 0.76μm, Lead-Free](#)

Documents:

3D Model	Packaging Specification PK-76867-001 (PDF)
Drawing (PDF)	Test Summary TS-76866-1004 (PDF)
Product Specification PS-76867-001 (PDF)	Test Summary TS-76867-001 (PDF)
Application Specification AS-76867-001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification AS-76867-002 (PDF)	

Agency Certification

CSA	LR19980
UL	E107635

General

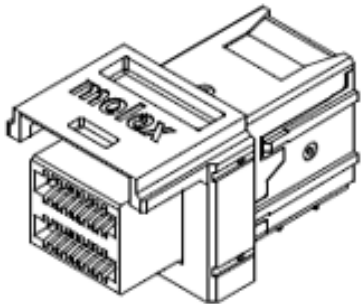
Product Family	I/O Connectors
Series	76867
Application	Wire-to-Board
Component Type	Internal Receptacles
Electrical Model	Yes
Overview	iPass+™ HD Interconnect System
Product Name	iPass+™
Type	N/A
UPC	887191049212

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	4.236/g
Number of Rows	1
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.37mm
Packaging Type	Tray
Panel Mount	No
Pitch - Mating Interface	0.75mm
Pitch - Termination Interface	0.75mm
Plating min - Mating	0.762μm, 1.524μm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Temperature Range - Operating	-40°C to +80°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	1.0A
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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
ELV

Green Image
Not Relevant

Search Parts in this Series

[76867](#) Series

Mates With

[111068](#) iPass™ Cable Assembly

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 #
HD Removal Tool	0622030100
Press-In Tool	0622030110

Voltage - Maximum	30V AC (RMS)/DC
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-76867-001, AS-76867-002
Electrical Model Document	EE-76866-1004
Packaging Specification	PK-76867-001
Product Specification	PS-76867-001
S-Parameter Model	SP-76866-001, SP-76866-100, SP-76866-1004
Sales Drawing	SD-76867-1000
Symbol/Footprint Data	SYM-76867-1011_REV7
Test Summary	TS-76866-1004, TS-76867-001

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