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Part Number: [0768671013](#)
Status: **Active**
Overview: [iPass+™ HD Interconnect System](#)
Description: [iPass+™ HD Internal Cable and Connector Assembly, 1x4, , 0.76μm, Lead-Free](#)

Documents:	
3D Model	Application Specification AS-76867-002 (PDF)
Drawing (PDF)	Test Summary TS-76866-100 (PDF)
Product Specification PS-76867-001 (PDF)	Test Summary TS-76867-001 (PDF)
Application Specification AS-76867-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E107635

General

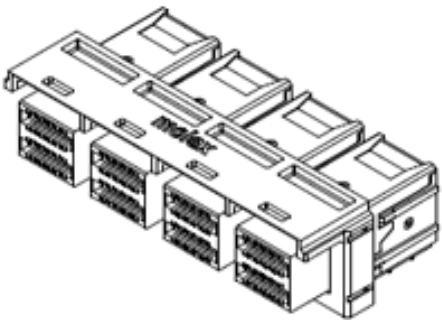
Product Family	I/O Connectors
Series	76867
Application	Wire-to-Board
Component Type	Internal Receptacles
Electrical Model	Yes
Overview	iPass+™ HD Interconnect System
Product Name	iPass+™
Type	N/A
UPC	887191048840

Physical

Circuits (Loaded)	144
Circuits (maximum)	144
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	15.965/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	4
Temperature Range - Operating	-40°C to +80°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	1.0A
Voltage - Maximum	30V AC (RMS)/DC



Series image - Reference only

EU ELV

Not Relevant

EU 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

[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

Solder Process Data

Lead-free	Process Capability	N/A
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Material Info

Reference - Drawing Numbers

Application Specification	AS-76867-001, AS-76867-002
Electrical Model Document	EE-76866-001, EE-76866-100
Product Specification	PS-76867-001
S-Parameter Model	SP-76866-001, SP-76866-100
Sales Drawing	SD-76867-1000
Test Summary	TS-76866-100, TS-76867-001

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