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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](#)

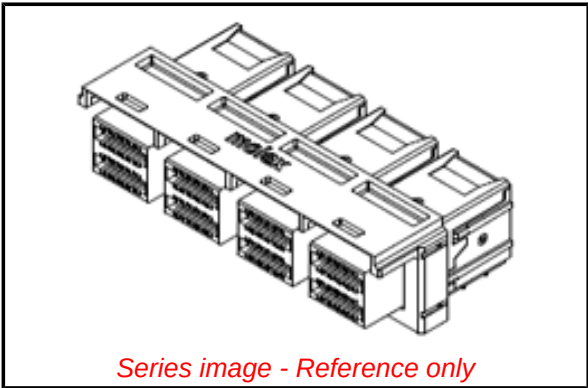
Documents:
[3D Model](#) [Application Specification AS-76867-002 \(PDF\)](#)
[Drawing \(PDF\)](#) [Test Summary TS-76866-100 \(PDF\)](#)
[Product Specification PS-76867-001 \(PDF\)](#) [Test Summary TS-76867-001 \(PDF\)](#)
[Application Specification AS-76867-001 \(PDF\)](#) [RoHS Certificate of Compliance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

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



EU ELV
Not Relevant

EU RoHS **China 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-freeProcess 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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