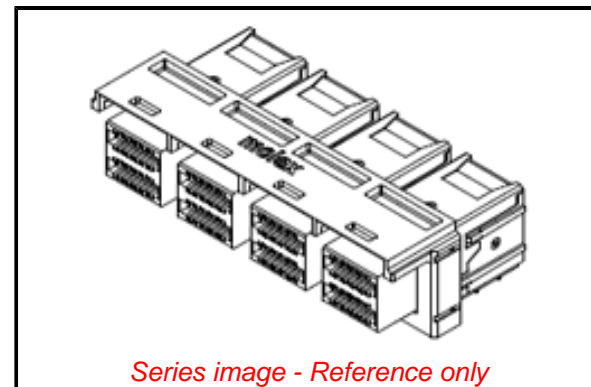


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Part Number: **0768671013**
Status: **Active**
Overview: iPass+ HD Interconnect System
Description: iPass+™ HD Internal Cable and Connector Assembly, 1x4, , 0.76µm, Lead-Free

Documents:

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



Agency Certification

CSA	LR19980
UL	E107635

General

Product Family	I/O Connectors
Series	<u>76867</u>
Application	Wire-to-Board
Component Type	Internal Receptacles
Electrical Model	Yes
Overview	<u>iPass+ HD Interconnect System</u>
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
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EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/30/2017 (7 July
2017)

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
RoHS Phthalates	Not Contained

Search Parts in this Series

76867 Series

Mates With

111068 iPass™ Cable Assembly

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

This document was generated on 08/28/2017

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