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

Agency Certification

CSA	LR19980
UL	E107635

General

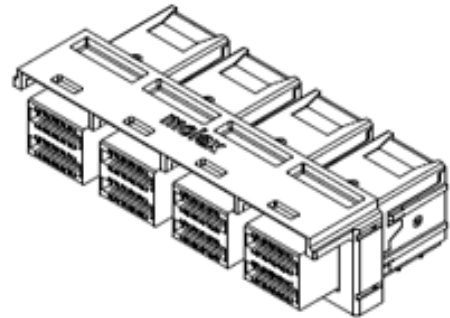
Product Family	I/O Connectors
Series	76867
Application	Wire-to-Board
Component Type	Internal Receptacle
Electrical Model	Yes
Overview	iPass+ HD Interconnect System
Product Name	iPass+
Type	N/A
UPC	887191048840

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
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° 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 -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[76867 Series](#)

Mates With

[100189](#) , [100171](#) , [100190](#) , [100219](#) ,
[100172](#) , [100220](#) , [100221](#) , [100222](#) ,
[100223](#) , [100224](#) , [100225](#) , [100226](#)

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

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