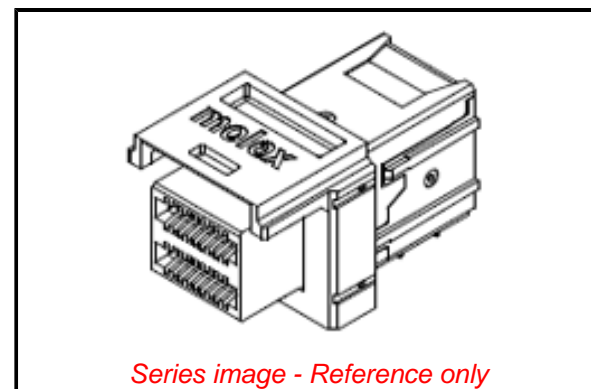


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Part Number: [0768671011](#)
Status: **Active**
Overview: [iPass+ HD Interconnect System](#)
Description: [iPass+ HD Internal Cable and Connector Assembly, 1x1, 0.76µm, Lead-Free](#)

Documents:

3D Model	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	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° 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/88/2018 (15
January 2019)

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](#)

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	622030100
Press-In Tool	622030110

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-76867-1000-001
Symbol/Footprint Data	SYM-76867-1011_REV7

This document was generated on 03/15/2019

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