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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

Packaging Specification PK-76867-001 (PDF)
- Drawing (PDF)

Test Summary TS-76866-1004 (PDF)
- Product Specification PS-76867-001 (PDF)

Test Summary TS-76867-001 (PDF)
- Application Specification AS-76867-001 (PDF)

RoHS Certificate of Compliance (PDF)
- Application Specification AS-76867-002 (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°C to +80°C

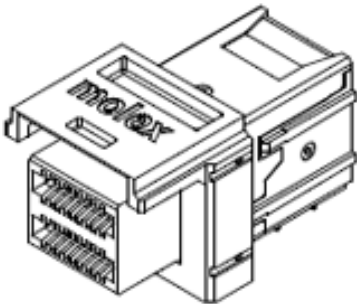
Termination Interface: Style

Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact

1.0A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per

-ED/79/2015 (17

December 2015)

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

Voltage - Maximum	30V AC (RMS)/DC
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-76867-001, AS-76867-002
Electrical Model Document	EE-76866-1004
Packaging Specification	PK-76867-001
Product Specification	PS-76867-001
S-Parameter Model	SP-76866-001, SP-76866-100, SP-76866-1004
Sales Drawing	SD-76867-1000
Symbol/Footprint Data	SYM-76867-1011_REV7
Test Summary	TS-76866-1004, TS-76867-001

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