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Part Number:

76866-0015

Status:

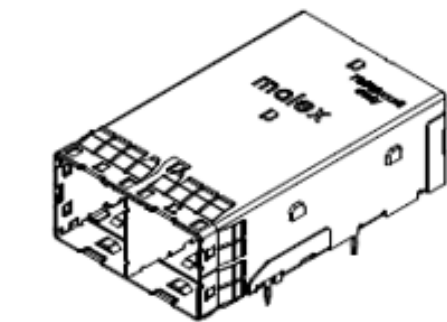
Active

Overview:

iPass+™ HD Interconnect System

Description:

iPass+™ HD Cage and Receptacle 1x2 , 0.76µm, Lead-Free



Series

image - Reference only

Documents:

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

Agency Certification

CSA

LR19980

UL

E107635

General

Product Family

I/O Connectors

Series

76866

Application

Wire-to-Board

Component Type

External Integrated Cage, Receptacle

Electrical Model

Yes

Overview

iPass+™ HD Interconnect System

Product Name

iPass+™

Type

N/A

UPC

884982008267

Physical

Circuits (Loaded)

72

Circuits (maximum)

72

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

15.079/g

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

Temperature Range - Operating

-40°C to +80°C

Termination Interface: Style

Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact

1A

Voltage - Maximum

30V AC (RMS)/DC

Material Info

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
76866Series

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 #
Press-In Tool	0622030050
HD Removal Tool	0622030060

Reference - Drawing Numbers

Application Specification	AS-76866-001, AS-76866-002
Electrical Model Document	EE-76866-001
Product Specification	PS-76866-001
Sales Drawing	SD-76866-005
Test Summary	TS-76866-001

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