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Part Number:

76866-1015

Status:

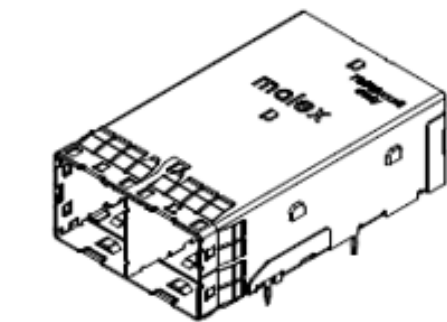
Active

Overview:

iPass+™ HD Interconnect System

Description:

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



Series

image - Reference only

Documents:

- [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 \(PDF\)](#)
- [Test Summary TS-76866-100 \(PDF\)](#)
- [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	887191048871

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	14.033/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-76866-100
Product Specification	PS-76866-001
S-Parameter Model	SP-76866-100
Sales Drawing	SD-76866-1000
Signal Integrity Report	SI-76866-101
Test Summary	TS-76866-001, TS-76866-100

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