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Part Number: **76866-0011**

Status: **Active**

Overview: iPass+™ HD Interconnect System
Description: iPass+™ HD Cage and Receptacle 1x1, 0.76µm, Lead-Free

Documents:
3D Model	Application Specification AS-76866-002 (PDF)
Drawing (PDF)	Test Summary TS-76866-001 (PDF)
Product Specification PS-76866-001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification AS-76866-001 (PDF)	

Series
image - Reference only

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	884982008236

Physical
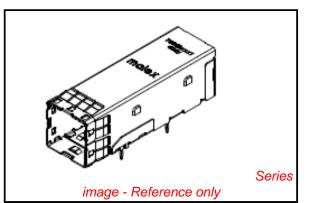|	
Circuits (Loaded)	36
Circuits (maximum)	36
Color - Resin	Black
Durability (mating cycles max)	250
Flammability	94V-0
Lock to Mating Part	Yes
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	8.181/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-76866-001
Test Summary	TS-76866-001

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