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Part Number: **0768660025**
Status: **Active**
Overview: iPass+™ HD Interconnect
Description: iPass+™ HD Cage and Receptacle 1x2, 0.76µm Tin-Lead

Documents:

[Drawing \(PDF\)](#) [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 I/O Plug Connector Subassembly, Receptacle
 Overview iPass+™ HD Interconnect
 Product Name iPass+™
 Type N/A

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-Lead
 Material - Resin High Temperature Thermoplastic
 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 2
 Temperature Range - Operating 80°C
 Termination Interface: Style Through Hole - Compliant Pin

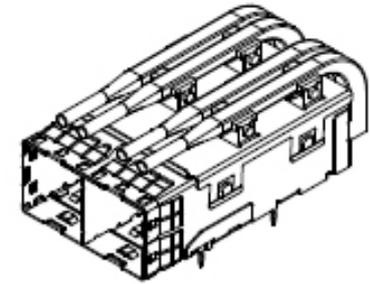
Electrical

Current - Maximum per Contact 0.5A
 Voltage - Maximum 30V AC (RMS)/DC

Solder Process Data

Replacement RoHS Compliant Part Number 0768660125

Material Info



Series

image - Reference only

EU RoHS

RoHS Compliant by Exemption
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not 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 #
iPass+™ HD	0622030060
Removal Tool	
Press-In Tool for iPass+™ HD	0622030050

Reference - Drawing Numbers

Sales Drawing

SD-76866-025, SD-76994-003

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