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**Part Number:** [0757830319](#)  
**Status:** **Active**  
**Overview:** iPass™ Connector System  
**Description:** iPass™ I/O Surface Mount Receptacle, Right Angle, Internal Assembly with Shell, 68 Circuit, 0.76µm Gold (Au), Retention Option, Tail Length 1.96mm, Left Key



Series image - Reference only

**Documents:**  
[3D Model](#)  
[Drawing \(PDF\)](#)  
[Product Specification PS-75783-001 \(PDF\)](#)  
[Application Specification AS-75783-001 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
UL E29179

**General**

Product Family I/O Connectors  
Series [75783](#)  
Application Wire-to-Board  
Comments Positive or passive latching cable available  
Component Type Receptacle  
Electrical Model Yes  
Overview [iPass™ Connector System](#)  
Product Name iPass™, Mini Multi-Lane, PCI Express\*  
Type N/A  
UPC 822350092715

**Physical**

Circuits (Loaded) 68  
Circuits (maximum) 68  
Color - Resin Black  
Durability (mating cycles max) 250  
Flammability 94V-0  
Gender Female  
Keying to Mating Part Yes  
Lock to Mating Part None  
Material - Metal Copper-Nickel-Zinc, High Performance Alloy (HPA)  
Material - Plating Mating Gold  
Material - Plating Termination Tin  
Material - Resin High Temperature Thermoplastic  
Net Weight 4.661/g  
Number of Rows 2  
Orientation Right Angle  
PC Tail Length 1.96mm  
PCB Locator Yes  
PCB Retention Yes  
PCB Thickness - Recommended 1.57mm  
Packaging Type Embossed Tape on Reel  
Panel Mount No  
Pitch - Mating Interface 0.80mm  
Pitch - Termination Interface 0.80mm  
Plating min - Mating 0.762µm  
Plating min - Termination 2.540µm  
Polarized to Mating Part Yes  
Ports 1  
Surface Mount Compatible (SMC) Yes  
Temperature Range - Operating -40°C to +80°C

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contains SVHC(2014 December 17): No

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

**China RoHS**

Green Image

Not Relevant

**Search Parts in this Series**

[75783](#) Series

**Use With**

iPass™ Cable Assemblies, [79575](#) , [79576](#) , [74562](#) , [74563](#) , [79536](#) , [74573](#) ,

|                                    |                                          |
|------------------------------------|------------------------------------------|
| Termination Interface: Style       | Surface Mount, Through Hole - Kinked Pin |
| Waterproof / Dustproof             | No                                       |
| Wire Insulation Diameter           | N/A                                      |
| Wire Size AWG                      | N/A                                      |
| <b>Electrical</b>                  |                                          |
| Current - Maximum per Contact      | 0.5A                                     |
| Grounding to Panel                 | None                                     |
| Voltage - Maximum                  | 30V AC (RMS)/DC                          |
| <b>Solder Process Data</b>         |                                          |
| Lead-freeProcess Capability        | REFLOW                                   |
| Process Temperature max. C         | 260                                      |
| <b>Material Info</b>               |                                          |
| <b>Reference - Drawing Numbers</b> |                                          |
| Application Specification          | AS-75783-001                             |
| Electrical Model Document          | EE-75586-001                             |
| Product Specification              | PS-75783-001                             |
| S-Parameter Model                  | SP-75586-001                             |
| Sales Drawing                      | SD-75783-001                             |

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