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**Part Number:** [0757830348](#)  
**Status:** **Active**  
**Overview:** [iPass™ Connector System](#)  
**Description:** [iPass™ I/O Surface Mount Receptacle, Right Angle, Internal Assembly with Shell, 68 Circuit, 0.76µm Gold \(Au\), Surface Mount Option, Tail Length 3.18mm, Universal Key](#)

**Documents:**

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

**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 800756839998

**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 4.732/g  
 Number of Rows 2  
 Orientation Right Angle  
 PC Tail Length 3.18mm  
 PCB Locator Yes  
 PCB Retention Yes  
 PCB Thickness - Recommended 2.79mm  
 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



Series image - Reference only

**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

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
Waterproof / Dustproof	No
Wire Insulation Diameter	N/A
Wire Size AWG	N/A

**Electrical**

Current - Maximum per Contact	0.5A
Grounding to Panel	None
Voltage - Maximum	30V AC (RMS)/DC

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	020
Lead-free Process Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

**Material Info****Reference - Drawing Numbers**

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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