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**Part Number:** [0757830344](#)  
**Status:** **Active**  
**Overview:** [iPass™ Connector System](#)  
**Description:** iPass I/O Surface Mount Receptacle, 0.80mm Pitch, Right Angle, Internal Assembly with Shell, 68 Circuit, 0.76µm Gold (Au), Through-Hole Shell Option, Tail Length 2.79mm, Universal Key

**Documents:**  
[3D Model](#) [Application Specification AS-75783-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [Packaging Specification PK-75783-002 \(PDF\)](#)  
[Product Specification PS-75783-001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

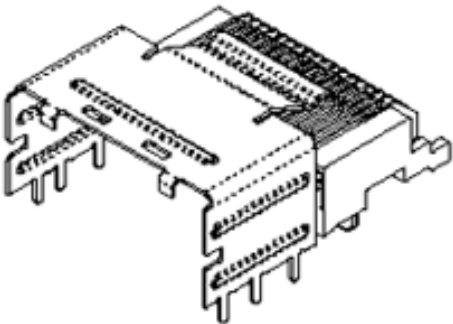
|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

**General**

|                  |                                              |
|------------------|----------------------------------------------|
| Product Family   | I/O Connectors                               |
| Series           | <a href="#">75783</a>                        |
| Application      | Wire-to-Board                                |
| Comments         | Positive or passive latching cable available |
| Component Type   | Receptacle                                   |
| Electrical Model | Yes                                          |
| Overview         | <a href="#">iPass™ Connector System</a>      |
| Product Name     | iPass, Mini Multi-Lane, PCI Express          |
| Type             | N/A                                          |
| UPC              | 800756839943                                 |

**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                     | 4.663/g                                          |
| Orientation                    | Right Angle                                      |
| PC Tail Length                 | 2.79mm                                           |
| PCB Locator                    | Yes                                              |
| PCB Retention                  | Yes                                              |
| PCB Thickness - Recommended    | 2.36mm                                           |
| 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**

**Not Reviewed**

**REACH SVHC**

Not Reviewed

**Halogen-Free**

**Status**

**Not Reviewed**

**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      | Not Reviewed |
| ELV             | Not Relevant |
| RoHS Phthalates | Not Reviewed |

**Search Parts in this Series**

[75783](#) Series

**Use With**

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

|                                    |                  |
|------------------------------------|------------------|
| Termination Interface: Style       | Surface Mount    |
| 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>Material Info</b>               |                  |
| <b>Reference - Drawing Numbers</b> |                  |
| Application Specification          | AS-75783-001     |
| Electrical Model Document          | EE-75586-001     |
| Packaging Specification            | PK-75783-002     |
| Product Specification              | PS-75783-001-001 |
| S-Parameter Model                  | SP-75586-001     |
| Sales Drawing                      | SD-75783-001     |

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