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**Part Number:** [75783-0012](#)  
**Status:** **Active**  
**Overview:** [iPass™ Connector System](#)  
**Description:** 0.80mm Pitch, iPass™ I/O SMT Receptacle, Right Angle, Internal Assembly with Shell, 26 Circuit, 0.38µm Gold (Au), SMT Option, Tail Length 1.96mm, Dual Key

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

**Agency Certification**

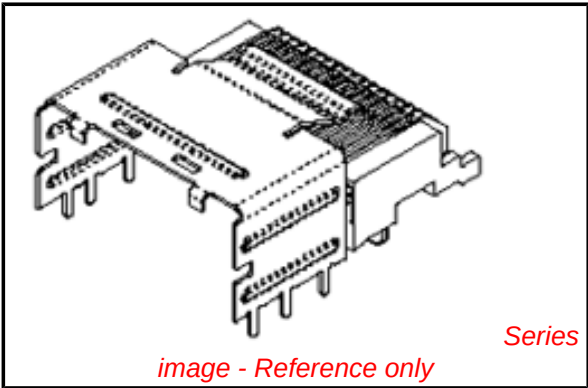
CSA LR19980  
UL E29179

**General**

Product Family I/O Connectors  
Series [75783](#)  
Application Wire-to-Board  
Comments Positive or passive latching cable available  
Component Type Receptacle  
Overview [iPass™ Connector System](#)  
Product Name iPass™, PCI Express\*, SAS, Serial ATA  
Type N/A  
UPC 822350092104

**Physical**

Circuits (Loaded) 26  
Circuits (maximum) 26  
Color - Resin Black  
Durability (mating cycles max) 50  
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 2.561/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 0.381µm  
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  
Termination Interface: Style Surface Mount, Through Hole



Series

**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Low-Halogen Status**  
**Low-Halogen**



**Need more information on product environmental compliance?**  
Email [productcompliance@molex.com](mailto: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**  
[75783Series](#)

**Use With**  
iPass™ Cable Assemblies, [79575](#) , [79576](#) , [74562](#) , [74563](#) , [79536](#) , [74573](#) , [74569](#) , [74586](#)

|                               |                 |
|-------------------------------|-----------------|
| 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>                     |                           |
| Duration at Max. Process Temperature (seconds) | 20                        |
| Lead-free Process Capability                   | Reflow Capable (SMT only) |
| Max. Cycles at Max. Process Temperature        | 1                         |
| Process Temperature max. C                     | 260                       |

**Material Info**

|                                    |              |
|------------------------------------|--------------|
| <b>Reference - Drawing Numbers</b> |              |
| 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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