

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0755860003](#)  
**Status:** **Active**  
**Overview:** [ipass](#)  
**Description:** 0.80mm (.031") Pitch, iPass™ I/O SMT Receptacle, Right Angle, External Application, 36 Circuit, 0.38µm (15µ") Gold (Au)

**Documents:**

[3D Model](#) [Product Specification PS-75586-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

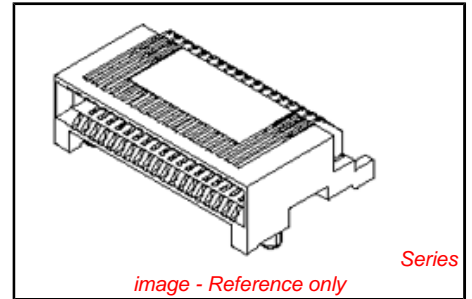
CSA LR19980  
 UL E29179

**General**

Product Family I/O Connectors  
 Series [75586](#)  
 Application Wire-to-Board  
 Component Type Receptacle  
 Overview [ipass](#)  
 Product Name iPass™, PCI Express\*, SAS  
 Type N/A

**Physical**

Boot Color N/A  
 Circuits (Loaded) 36  
 Circuits (maximum) 36  
 Color - Resin Black  
 Durability (mating cycles max) 50  
 Flammability 94V-0  
 Gender Femder  
 Keying to Mating Part None  
 Lock to Mating Part None  
 Material - Metal High Performance Alloy (HPA)  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Number of Rows 2  
 Orientation Right Angle  
 PCB Locator Yes  
 PCB Retention None  
 PCB Thickness - Recommended 1.35mm (.053")  
 Packaging Type Embossed Tape on Reel  
 Panel Mount No  
 Pitch - Mating Interface 0.80mm (.031")  
 Pitch - Termination Interface 0.80mm (.031")  
 Plating min - Mating 0.381µm (15µ")  
 Plating min - Termination 2.540µm (100µ")  
 Polarized to Mating Part Yes  
 Polarized to PCB Yes  
 Ports 1  
 Surface Mount Compatible (SMC) Yes  
 Temperature Range - Operating -40°C to +80°C  
 Termination Interface: Style Surface Mount  
 Waterproof / Dustproof No  
 Wire Insulation Diameter N/A



**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

Not Reviewed

**China RoHS**



**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**

[75586Series](#)

**Mates With**

[74547 iPass™ Cable Assembly](#)

**Use With**

[74548 I/O Connectors](#)

Wire Size AWG

N/A

**Electrical**

Current - Maximum per Contact

0.5A

Grounding to Panel

N/A

Shielded

No

Voltage - Maximum

30V AC (RMS)/DC

**Solder Process Data**

Lead-free Process Capability

Reflow Capable (SMT only)

Process Temperature max. C

260

**Material Info**

**Reference - Drawing Numbers**

Application Specification

AS-75586-001

Product Specification

PS-75586-001

Sales Drawing

SD-75586-001

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