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**Part Number:** **0755810008**  
**Status:** **Active**  
**Overview:** iPass™ Connector System  
**Description:** 0.80mm Pitch, iPass Stacked I/O, External Application, Integrated Cage and Connector Assembly, Right Angle, Press-Fit, 136 Circuit, 0.38µm Gold (Au) Plating, Lead-Free

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification PK-75581-001 \(PDF\)](#)  
[Product Specification PS-75586-001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Application Specification AS-75581-0002-001 \(PDF\)](#)

**Agency Certification**

UL E107635

**General**

Product Family I/O Connectors  
Series 75581  
Application Wire-to-Board  
Comments Maximum Current is 0.5A Per Pin  
Component Type I/O Plug Connector Subassembly, Receptacle  
Overview iPass™ Connector System  
Product Name iPass, PCI Express  
Type N/A  
UPC 884982496811

**Physical**

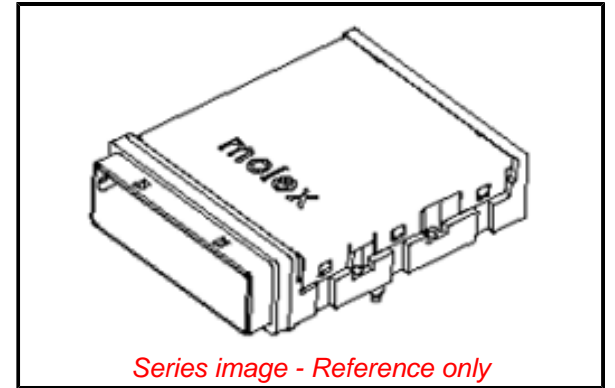
Circuits (Loaded) 136  
Circuits (maximum) 136  
Color - Resin Black  
Durability (mating cycles max) 250  
Flammability 94V-0  
Lock to Mating Part Yes  
Material - Metal High Performance Alloy (HPA)  
Material - Plating Mating Gold  
Material - Plating Termination Tin  
Material - Resin High Temperature Thermoplastic  
Net Weight 43.765/g  
Orientation Right Angle  
PCB Locator Yes  
PCB Retention Yes  
PCB Thickness - Recommended 1.80mm  
Packaging Type Tray  
Panel Mount No  
Pitch - Mating Interface 0.80mm  
Pitch - Termination Interface 0.80mm  
Plating min - Mating 0.381µm  
Polarized to Mating Part Yes  
Polarized to PCB Yes  
Temperature Range - Operating -40°C to +80°C  
Termination Interface: Style Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact 0.5A  
Voltage - Maximum 30V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/30/2017 (7 July  
2017)

**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

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

75581 Series

**Mates With**

74546 iPass Cable Assembly

**Use With**

75586 Receptacle

Application Specification  
Electrical Model Document  
Packaging Specification  
Product Specification  
S-Parameter Model  
Sales Drawing

AS-75581-0002-001  
EE-75581-002  
PK-75581-001  
PS-75586-001-001  
SP-75581-002  
SD-75581-001

This document was generated on 11/30/2017

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