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**Part Number:** [0755810002](#)

**Status:** **Active**

**Overview:** [ipass](#)

**Description:** 0.80mm (.031") Pitch, iPass™ Stacked I/O, External Application, Integrated Cage and Connector Assembly, Right Angle, Press-Fit, 136 Circuit, 0.76µm (30µ") Gold (Au) Plating

**Documents:**

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-75586-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	I/O Connectors
Series	<a href="#">75581</a>
Application	Wire-to-Board
Component Type	Cage Assembly, Receptacle
Overview	<a href="#">ipass</a>
Product Name	iPass™, PCI Express*
Type	N/A

**Physical**

Circuits (Loaded)	136
Circuits (maximum)	136
Color - Resin	Black
Durability (mating cycles max)	250
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Orientation	Right Angle
PC Tail Length	2.08mm (.082")
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.80mm (.071")
Packaging Type	Tray
Panel Mount	No
Pitch - Mating Interface	0.80mm (.031")
Plating min - Mating	0.762µm (30µ")
Polarized to Mating Part	Yes
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Through Hole - Compliant Pin
Wire Insulation Diameter	N/A
Wire Size AWG	N/A

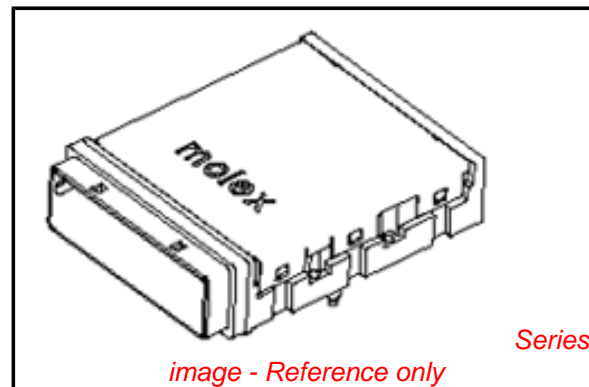
**Electrical**

Current - Maximum per Contact	0.5A
Grounding to Panel	N/A
Shielded	Yes
Voltage - Maximum	30V

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-75581-001
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**EU RoHS**

**RoHS Compliant by Exemption**

**REACH SVHC**

Not Reviewed

**Halogen-Free**

**Status**

**Not Reviewed**

**China RoHS**



Pb

**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**

[75581Series](#)

**Mates With**

[74547 iPass™ Cable Assembly](#)

**Use With**

[75586 Receptacle](#)

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