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**Part Number:** [0761050585](#)  
**Status:** **Active**  
**Overview:** CXP Interconnect System  
**Description:** 0.80mm Pitch, iPass+ HSC, External Application, Integrated Cage and Connector Assembly, Right Angle, Press-Fit, Left Key InfiniBand, 84 Circuit, 0.76µm Gold (Au) Plating, Lead-Free

**Documents:**

[3D Model](#) [Packaging Specification PK-76105-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Application Specification AS-76105-002-001 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E107635

**General**

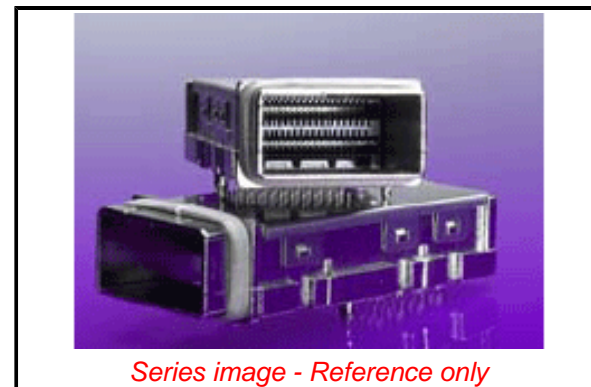
Product Family I/O Connectors  
 Series [76105](#)  
 Application Board-to-Board, Module-to-Board, Wire-to-Board  
 Comments Maximum Current is 0.5A Per Pin  
 Component Type Cage Assembly, Plug  
 Electrical Model Yes  
 Overview [CXP Interconnect System](#)  
 Product Name iPass+  
 Type N/A  
 UPC 883906946937

**Physical**

Circuits (Loaded) 84  
 Circuits (maximum) 84  
 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 Nickel  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 30.235/g  
 Orientation Right Angle  
 PCB Locator Yes  
 PCB Retention Yes  
 PCB Thickness - Recommended 1.57mm  
 Packaging Type Tray  
 Panel Mount No  
 Pitch - Mating Interface 0.80mm  
 Pitch - Termination Interface 0.80mm  
 Plating min - Mating 0.762µm  
 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



*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**

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 environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any  
 non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[76105 Series](#)

**Mates With**

[111025 iPass+ Cable](#)

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-76105-002-001
Electrical Model Document	EE-76105-001
Packaging Specification	PK-76105-001
S-Parameter Model	SP-76105-001
Sales Drawing	SD-76105-584

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