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Part Number: [0761050584](#)
Status: **Active**
Overview: [cxp_pluggable_solution](#)
Description: 0.80mm (.031") Pitch, iPass+™ HSC, External Application, Integrated Cage and Connector Assembly, Right Angle, Press-Fit, Left Key Infiniband, 84 Circuit, 0.76µm (30µ") Gold (Au) Plating

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

General

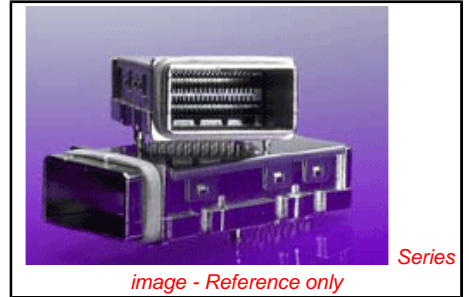
| | |
|----------------|--|
| Product Family | I/O Connectors |
| Series | 76105 |
| Application | Board-to-Board, Module-to-Board, Wire-to-Board |
| Comments | Maximum Current is 0.5A Per Pin |
| Component Type | Cage Assembly, Plug |
| Overview | cxp_pluggable_solution |
| Product Name | iPass+™ |
| Type | N/A |


Physical

| | |
|--------------------------------|----------------|
| Boot Color | N/A |
| Circuits (Loaded) | 84 |
| Circuits (maximum) | 84 |
| Circuits Detail | 84 |
| Durability (mating cycles max) | 250 |
| Gender | Female |
| Keying to Mating Part | Yes |
| Lock to Mating Part | Yes |
| Material - Plating Mating | Nickel |
| Material - Plating Termination | Gold |
| Number of Rows | 4 |
| Orientation | Right Angle |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.57mm (.062") |
| Packaging Type | Tray |
| Panel Mount | No |
| Pitch - Mating Interface | 0.80mm (.031") |
| Pitch - Termination Interface | 0.80mm (.031") |
| Plating min - Mating | 0.762µm (30µ") |
| 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 | N/A |
| Waterproof / Dustproof | Yes |
| Wire Insulation Diameter | n/a |
| Wire Size AWG | N/A |

Electrical

| | |
|-------------------------------|-------------|
| Current - Maximum per Contact | 42A |
| Grounding to Panel | N/A |
| Shield Type | Full Shield |



| | |
|---|--|
| <p>EU RoHS RoHS Compliant by Exemption REACH SVHC Not Reviewed Low-Halogen Status Not Reviewed</p> | <p>China RoHS</p>  <p>Pb</p> |
|---|--|

Need more information on product environmental compliance?

Email 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
[76105Series](#)

Mates With
[111025 iPass+™ Cable](#)

Application Tooling | FAQ
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

| Global Description | Product # |
|---|----------------------------|
| Press-In Tool for iPass™ Connector Assembly | 0622030030 |
| iPass+™ HSC CXP Removal Tool | 0622030040 |

Shielded

Yes

Material Info

Reference - Drawing Numbers

Application Specification

AS-76105-001, AS-76105-002

Sales Drawing

SD-76105-584

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