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**Part Number:** [0760240569](#)  
**Status:** **Active**  
**Overview:** CXP Interconnect System  
**Description:** 0.80mm Pitch, iPass+™ HSC, External Application, Stack Dual-Port Integrated Cage and Connector Assembly, Right Angle, Press-Fit, 168 Circuit, 0.76µm Gold (Au) Plating, Lead-Free

**Documents:**

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

**Agency Certification**

UL E107635

**General**

Product Family I/O Connectors  
 Series [76024](#)  
 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 884982360457

**Physical**

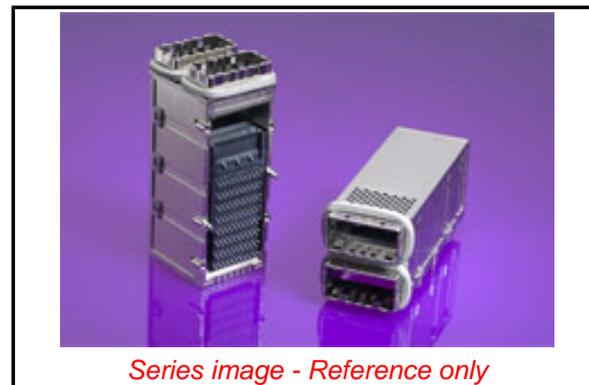
Circuits (Loaded) 168  
 Circuits (maximum) 168  
 Color - Resin Black  
 Durability (mating cycles max) 250  
 Flammability 94V-0  
 Lock to Mating Part Yes  
 Material - Metal High Performance Alloy (HPA)  
 Material - Plating Mating Nickel  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 87.347/g  
 Orientation Right Angle  
 PCB Locator Yes  
 PCB Retention Yes  
 PCB Thickness - Recommended 4.00mm  
 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 84.0A  
 Voltage - Maximum 30V AC (RMS)/DC

**Solder Process Data**

Lead-freeProcess Capability N/A



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contains SVHC(2015 June 15): No

**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

Green Image

Not Relevant

**Search Parts in this Series**

[76024 Series](#)

**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 #
iPass+™ HSC Stack Dual-Port Press-In Tool	<a href="#">0622030420</a>
iPass+™ HSC Stack Dual-Port Removal Tool	<a href="#">0622030430</a>

**Material Info**

**Reference - Drawing Numbers**

Electrical Model Document

S-Parameter Model

Sales Drawing

EE-76024-001

SP-76024-001

SD-76024-568

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