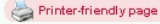


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**Part Number: 0760240568**  
**Status: Active Overview: iPass+™ High-Speed Channel (HSC) CXP Copper and Optical System**  
**Description:** 0.80mm (.031") Pitch, iPass+™ HSC, External Application, Stack Dual-Port Integrated Cage and Connector Assembly, Right Angle, Press-Fit, 168 Circuit, 0.76µm (30µ") Gold (Au) Plating

**Documents: Note - Please disable browser pop-up blockers for documents on [www.molex.com](http://www.molex.com)**

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

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**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
Overview	iPass+™ High-Speed Channel (HSC) CXP Copper and Optical System
Product Name	iPass+™
Type	N/A

**Physical**

Boot Color	N/A
Circuits (Loaded)	168
Circuits (maximum)	168
Circuits Detail	168
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	8
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	4.00mm (.157")
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	2
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(Please review the Product Specification for specific details.)**

Current - Maximum per Contact	84A
Grounding to Panel	N/A
Shield Type	Full Shield
Shielded	Yes

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing	SD-76024-568
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**EU RoHS**  
RoHS Compliant by Exemption

**China RoHS**



**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

Not Reviewed

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)

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**Mates With**

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