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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 \(PDF\)](#)
[Packaging Specification PK-76024-001 \(PDF\)](#)

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

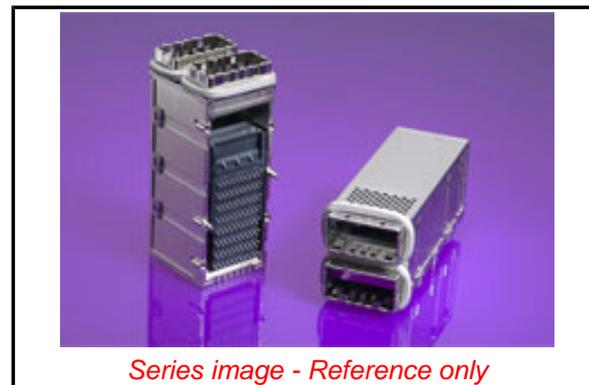
Circuits (Loaded) 168
 Circuits (maximum) 168
 Color - Resin Black
 Durability (mating cycles max) 250
 Flammability 94V-0
 Lock to Mating Part Yes
 Material - Metal High Performance Alloy (HPA)
 Material - Plating Mating Nickel
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 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

Not Contained Per
 -ED/79/2015 (17
 December 2015)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email 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	0622030420
iPass+™ HSC Stack Dual-Port Removal Tool	0622030430

Material Info

Reference - Drawing Numbers

Electrical Model Document

EE-76024-001

Packaging Specification

PK-76024-001

S-Parameter Model

SP-76024-001

Sales Drawing

SD-76024-568

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