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Part Number: [76105-0185](#)
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 Ethernet,84 Circuit, 0.76µm Gold (Au) Plating, Lead-Free

Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Application Specification AS-76105-002 \(PDF\)](#)

Agency Certification

CSA LR19980
UL E107635

General

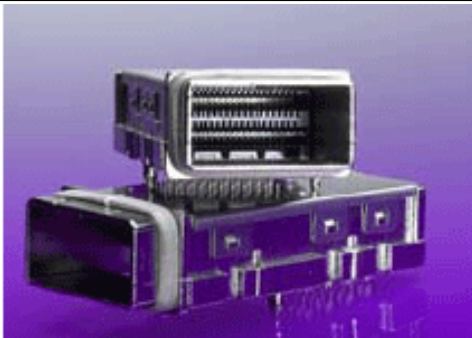
Product Family I/O Connectors
Series [76105](#)
Application Board-to-Board, Module-to-Board, Wire-to-Board
Comments Maximum Current is 0.5A Per Pin
Component Type Cage Assembly, Plug
Electrical Model Yes
Overview [CXP Interconnect System](#)
Product Name iPass+™
Type N/A
UPC 884982116993

Physical

Boot Color N/A
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 27.839/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 .5A



Series

image - Reference only

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen

China RoHS



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 #
CXP Removal Tool	0622030040
CXP Press-In Tool	0622030031

Voltage - Maximum

30V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification	AS-76105-002
Electrical Model Document	EE-76105-001
S-Parameter Model	SP-76105-001
Sales Drawing	SD-76105-184

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