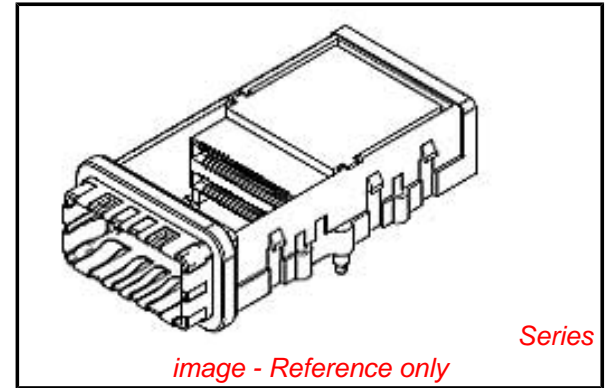


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**Part Number:** **170465-0002**  
**Status:** **Active**  
**Overview:** iPass+™ High-Speed Channel (HSC) CXP Copper and Optical System  
**Description:** 0.80mm Pitch, iPass+™ CXP-EF, External Application, Single-Port Integrated Cage and Connector Assembly, Right Angle, Press-Fit, 84 Circuit, 0.76μm Gold (Au) Plating

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-170465-0002 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-170465-0001 (PDF)</a>
<a href="#">Product Specification PS-170465-0001 (PDF)</a>	<a href="#">Test Summary TS-170465-0002 (PDF)</a>
<a href="#">Application Specification AS-170465-0001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**Agency Certification**

CSA	LR19980
UL	E107635

**General**

Product Family	I/O Connectors
Series	170465
Application	Board-to-Board, Module-to-Board, Wire-to-Board
Comments	Maximum Current is 0.5A Per Pin
Component Type	Cage Assembly, Plug
Overview	<a href="#">iPass+™ High-Speed Channel (HSC) CXP Copper and Optical System</a>
Product Name	iPass+™
Type	N/A
UPC	884982257757

**Physical**

Boot Color	N/A
Circuits (Loaded)	84
Circuits (maximum)	84
Circuits Detail	84
Durability (mating cycles max)	250
Flammability	94V-0
Gender	Female
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Plating Mating	Nickel
Material - Plating Termination	Gold
Net Weight	30.031/g
Number of Rows	4
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
Ports	1
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +85°C

**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Low-Halogen**

**China RoHS**



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

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

170465Series

**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	<a href="#">0622030031</a>
Removal Tool	<a href="#">0622030040</a>

Termination Interface: Style	N/A
Waterproof / Dustproof	No
Wire Size AWG	N/A

### **Electrical**

Current - Maximum per Contact	.5A
Grounding to Panel	N/A
Shield Type	Full Shield
Shielded	Yes

### **Material Info**

### **Reference - Drawing Numbers**

Application Specification	AS-170465-0001, AS-170465-0002
Electrical Model Document	EE-170465-0002
Packaging Specification	PK-170465-0001
Product Specification	PS-170465-0001
S-Parameter Model	SP-170465-0002_REV3
Sales Drawing	SD-170465-0001
Signal Integrity Report	SI-170465-0001
Test Summary	TS-170465-0002

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