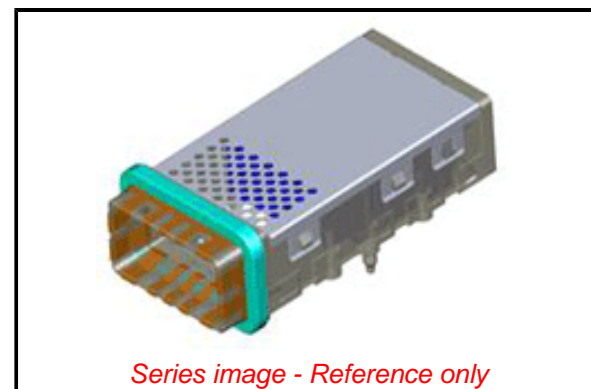


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**Part Number:** [1704650002](#)  
**Status:** **Active**  
**Overview:** CXP Interconnect System  
**Description:** 0.80mm Pitch, iPass+™ CXP-EF, External Application, Single-Port Integrated Cage and Connector Assembly, Right Angle, Press-Fit, 84 Circuit, 0.76µm Gold (Au) Plating

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-170465-0002-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-170465-0001-001 (PDF)</a>
<a href="#">Product Specification PS-170465-0001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification AS-170465-0001-001 (PDF)</a>	



**Agency Certification**

CSA	LR19980
UL	E107635

**General**

Product Family	I/O Connectors
Series	<a href="#">170465</a>
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	<a href="#">CXP Interconnect 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
Termination Interface: Style	N/A

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/21/2016 (20 June  
2016)

**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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[170465](#) Series

**Mates With**

[111025](#) iPass+™ Cable

Waterproof / Dustproof	No
Wire Size AWG	N/A
<b>Electrical</b>	
Current - Maximum per Contact	0.5A
Grounding to Panel	N/A
Shield Type	Full Shield
Shielded	Yes

**Solder Process Data**

Lead-free Process Capability	N/A
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**Material Info****Reference - Drawing Numbers**

Application Specification	AS-170465-0001-001, AS-170465-0002-001
Electrical Model Document	EE-170465-0101
Packaging Specification	PK-170465-0001-001
Product Specification	PS-170465-0001-001
S-Parameter Model	SP-170465-0101
Sales Drawing	SD-170465-0001

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