

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [170465-0102](#)
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, No Cover

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-170465-0001 \(PDF\)](#)
[Application Specification AS-170465-0001 \(PDF\)](#)
[Application Specification AS-170465-0002 \(PDF\)](#)
[Packaging Specification PK-170465-0001 \(PDF\)](#)
[Test Summary TS-170465-0002 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

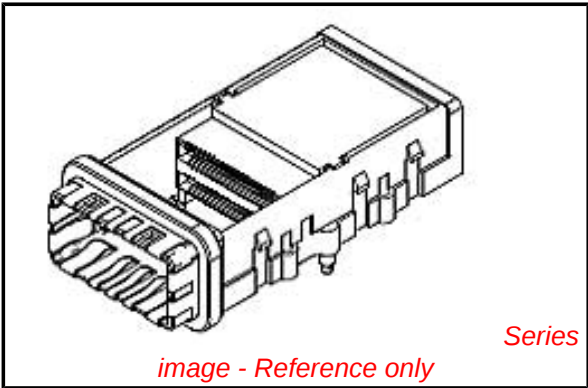
CSA	LR19980
UL	E107365

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
Electrical Model	Yes
Overview	CXP Interconnect System
Product Name	iPass+™
Type	N/A
UPC	884982276994

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	27.635/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



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



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
[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 #
CXP Removal Tool	0622030040
CXP Press-In Tool	0622030031

Temperature Range - Operating	-40°C to +85°C
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	Without Shield Cover
Shielded	No

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, SD-170465-0101
Signal Integrity Report	SI-170465-0001
Test Summary	TS-170465-0002

This document was generated on 10/06/2014

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION