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Part Number: [1704650102](#)
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	Application Specification AS-170465-0001-001 (PDF)
Drawing (PDF)	Application Specification AS-170465-0002-001 (PDF)
3D Model (PDF)	Packaging Specification PK-170465-0001-001 (PDF)
Product Specification PS-170465-0001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

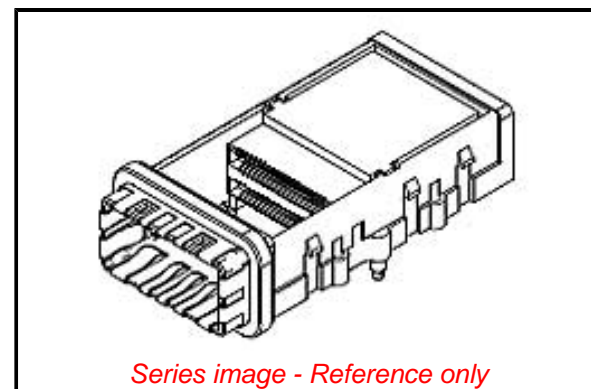
CSA	LR19980
UL	E107365

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	Plug, 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
Temperature Range - Operating	-40° to +85°C



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ECHA_01_2020 (16
January 2020

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[170465 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 #
CXP Press-In Tool	622030031
CXP Removal Tool	622030040

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

Electrical

Current - Maximum per Contact	0.5A
Grounding to Panel	N/A
Shield Type	Without Shield Cover
Shielded	No

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-170465-0001-001

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