

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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:

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

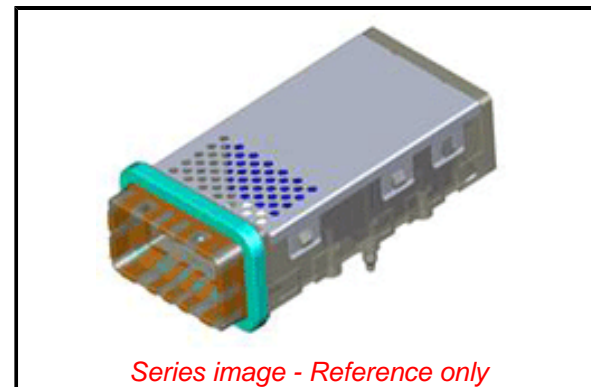
CSA	LR19980
UL	E107635

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	Plug, Plug
Electrical Model	Yes
Overview	CXP Interconnect System
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° to +85°C
Termination Interface: Style	N/A



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	622030032
CXP Removal Tool	622030040

Waterproof / Dustproof	No
Wire Size AWG	N/A
Electrical	
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
------------------------------	-----

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

This document was generated on 03/03/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [I/O Connectors](#) category:

Click to view products by [Molex](#) manufacturer:

Other Similar products are found below :

[571763P](#) [58098-0628](#) [72.250.1628.2](#) [72.250.2428.2](#) [74720-0505](#) [76.350.0729.0](#) [76871-1403](#) [FCN-244F080-G/1](#) [FCN-260A9920](#) [PCR-E36PM](#) [PCS-XE26MA+](#) [G38A71314B](#) [1571250010](#) [157-22500-3](#) [MS3471L14-19P L/C](#) [192991-0703](#) [172501-4002](#) [172501-6002](#) [FCN-260C008-A/L0](#) [FCN-260C024-AL0](#) [FCN-261Z008](#) [2000314-1](#) [200331-1](#) [PCR-E36FC+](#) [PCS-E28FS+](#) [PCS-XE26SLFD+](#) [PCS-XE26SLFDT+](#) [G730VID08BDC24](#) [U90B2054081210](#) [UE86K842720321](#) [38113800006](#) [DP3AR020WQ1R200](#) [Z4.102.0680.0](#) [500-1040](#) [500-1052](#) [500-1054](#) [ZP-4008-66L](#) [0709821002](#) [DX40-20P\(55\)](#) [5554841-1](#) [MS3474W18-8P-LC*](#) [U90B3054061110](#) [U65-E04-4020](#) [ZPF00000000097891](#) [747360449](#) [10099439-003C-TRLF](#) [10137239-0021LF](#) [E9320-001-01](#) [10137239-0011LF](#) [70289-001LF](#)