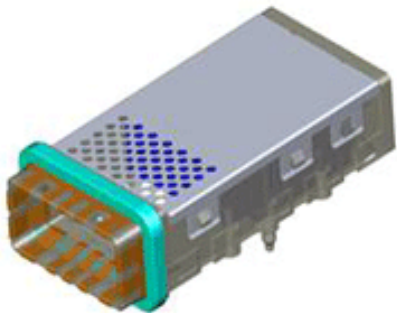


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Part Number: [1704650002](#)
Status: **Active**
Overview: [CXP Interconnect System](#)
Description: 0.80mm Pitch, iPass+ CXP-EF, External Application, Single-Port Integrated Cage and Connector Assembly, Right-Angle, Press-Fit, 84 Circuit, 0.76µm Gold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

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

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, 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	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



Series image - Reference only

EU ELV Not Relevant	
EU RoHS Compliant REACH SVHC Not Contained Per - ED/71/2019 (16 July 2019) Halogen-Free Status Low-Halogen For more information, please visit Contact US	China RoHS China ROHS ELV RoHS Phthalates
	Green Image Not Relevant Not Contained

Search Parts in this Series
[170465](#) Series

Mates With
[111025](#) iPass+ Cable

Application Tooling FAQ <i>Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.</i> Global	
Description	Product #
CXP Press-In Tool	622030032
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	Full Shield
Shielded	Yes
Solder Process Data	
Lead-freeProcess 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

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