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Part Number: [1705010001](#)
Status: **Active**
Overview: [CXP Interconnect System](#)
Description: CXP EF-Short Body without Cover, 84 Circuit

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

Agency Certification
CSA LR19980
UL E107635

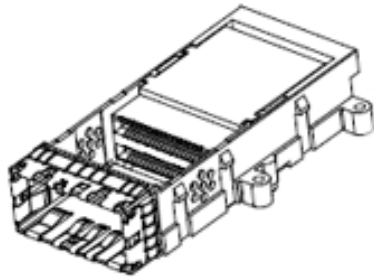
General
Product Family I/O Connectors
Series [170501](#)
Application Board-to-Board, Module-to-Board, Wire-to-Board
Component Type CAGE ASSEMBLY, Plug
Electrical Model Yes
Overview [CXP Interconnect System](#)
Product Name iPass+
Type N/A
UPC 884982297814

Physical
Boot Color N/A
Circuits (Loaded) 84
Circuits (maximum) 84
Durability (mating cycles max) 250
Flammability 94V-0
Lock to Mating Part Yes
Material - Metal Phosphor Bronze
Material - Plating Mating Nickel
Material - Plating Termination Copper
Material - Resin High Temperature Thermoplastic
Net Weight 28.753/g
Orientation Right Angle
PCB Locator Yes
PCB Retention Yes
Packaging Type Tray
Panel Mount Yes
Pitch - Mating Interface 0.80mm
Pitch - Termination Interface 0.80mm
Plating min - Mating 0.762µm
Polarized to Mating Part Yes
Polarized to PCB Yes
Temperature Range - Operating -40° to +85°C
Termination Interface: Style Through Hole - Compliant Pin

Electrical
Current - Maximum per Contact 0.5A
Voltage - Maximum 30V AC (RMS)/DC

Solder Process Data
Lead-freeProcess Capability N/A

Material Info



Series image - Reference only

EU ELV
Not Relevant

EU RoHS **China 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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
[170501](#) Series

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
Belly-to-Belly	622030220
Removal Tool	

Reference - Drawing Numbers

Application Specification	AS-170465-0002-001
Product Specification	PS-170465-0001-001
Sales Drawing	SD-170501-0001

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