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Part Number: [1705020001](#)
Status: **Active**
Overview: [CXP Interconnect System](#)
Description: CXP EF-Long Body without Cover, 84 Circuit

Documents:
[Drawing \(PDF\)](#) [Application Specification AS-170465-0002 \(PDF\)](#)
[Product Specification PS-170502-0001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

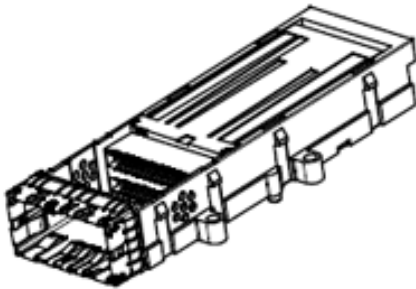
Agency Certification	
CSA	LR19980
UL	E107635
General	
Product Family	I/O Connectors
Series	170502
Application	Board-to-Board, Module-to-Board, Wire-to-Board
Component Type	Cage Assembly, Plug
Overview	CXP Interconnect System
Product Name	iPass+™
Type	N/A
UPC	884982298026

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	45.243/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°C to +85°C
Termination Interface: Style	Through Hole - Compliant Pin

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

Material Info

Reference - Drawing Numbers	
Application Specification	AS-170465-0002
Electrical Model Document	EE-170502-0001
Product Specification	PS-170502-0001



Series image - Reference only

EU ELV
Not Relevant

EU RoHS Compliant REACH SVHC Not Contained Per - ED/108/2014 (17 Dec 2014) Halogen-Free Status Low-Halogen	China RoHS
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Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant

Search Parts in this Series
[170502 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	0622030031

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