

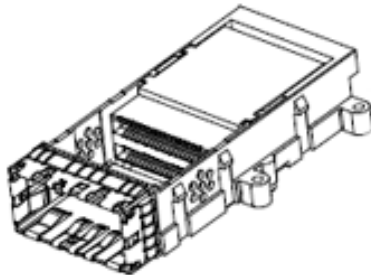
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Part Number: [1705010001](#)
Status: **Active**
Overview: [CXP Interconnect System](#)
Description: CXP EF-Short Body without Cover, 84 Circuit

Documents:
[Drawing \(PDF\)](#) [Application Specification AS-170501-0002 \(PDF\)](#)
[Product Specification PS-170465-0001 \(PDF\)](#) [Test Summary TS-170465-0002 \(PDF\)](#)
[Application Specification AS-170465-0002 \(PDF\)](#) [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°C 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
Contains SVHC(2014 December 17): No
Halogen-Free
Status
Low-Halogen
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
[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	0622030031
CXP Removal Tool	0622030040

Reference - Drawing Numbers

Application Specification	AS-170465-0002, AS-170501-0002
Electrical Model Document	EE-170465-0002
Product Specification	PS-170465-0001
S-Parameter Model	SP-170465-0002_REV3
Sales Drawing	SD-170501-0001
Signal Integrity Report	SI-170465-0001, SI-170465-0002, SI-170465-0003
Test Summary	TS-170465-0002

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