

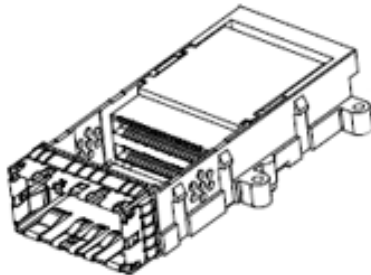
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**Part Number:** [1705010001](#)  
**Status:** **Active**  
**Overview:** [CXP Interconnect System](#)  
**Description:** CXP EF-Short Body without Cover, 84 Circuit

**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 \(PDF\)](#)

|                                |                                                |
|--------------------------------|------------------------------------------------|
| <b>Agency Certification</b>    |                                                |
| CSA                            | LR19980                                        |
| UL                             | E107635                                        |
| <b>General</b>                 |                                                |
| Product Family                 | I/O Connectors                                 |
| Series                         | <a href="#">170501</a>                         |
| Application                    | Board-to-Board, Module-to-Board, Wire-to-Board |
| Component Type                 | Cage Assembly, Plug                            |
| Electrical Model               | Yes                                            |
| Overview                       | <a href="#">CXP Interconnect System</a>        |
| Product Name                   | iPass+™                                        |
| Type                           | N/A                                            |
| UPC                            | 884982297814                                   |
| <b>Physical</b>                |                                                |
| 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                   |
| <b>Electrical</b>              |                                                |
| Current - Maximum per Contact  | 0.5A                                           |
| Voltage - Maximum              | 30V AC (RMS)/DC                                |
| <b>Solder Process Data</b>     |                                                |
| 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](mailto: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 | <a href="#">0622030031</a> |
| CXP Removal Tool  | <a href="#">0622030040</a> |

**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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