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**Part Number:** [1700716013](#)  
**Status:** **Active**  
**Overview:** [High-Speed Pluggable I/O Solutions](#)  
**Description:** zSFP+™ Stacked Ganged Assembly with Elastomeric Gasket, 2-by-6 with Outer Down/Up Light Pipes, 240 Circuits

**Documents:**  
[3D Model](#) [Application Specification AS-170071-0002 \(PDF\)](#)  
[Drawing \(PDF\)](#) [Test Summary TS-170071-0001 \(PDF\)](#)  
[Application Specification AS-170071-0001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

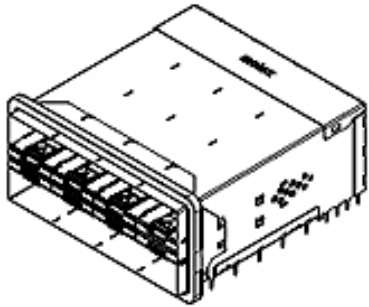
|                  |                                                    |
|------------------|----------------------------------------------------|
| Product Family   | I/O Connectors                                     |
| Series           | <a href="#">170071</a>                             |
| Application      | Module-to-Board                                    |
| Component Type   | Receptacle                                         |
| Electrical Model | Yes                                                |
| Overview         | <a href="#">High-Speed Pluggable I/O Solutions</a> |
| Product Name     | zSFP+™                                             |
| Type             | N/A                                                |
| UPC              | 884982402348                                       |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Circuits (Loaded)              | 240                            |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 100                            |
| Flammability                   | 94V-0                          |
| Gender                         | Female                         |
| Lock to Mating Part            | Yes                            |
| Material - Metal               | High Performance Alloy (HPA)   |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Matte Tin                      |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 141.556/g                      |
| Number of Rows                 | 2                              |
| Orientation                    | Right Angle                    |
| PCB Locator                    | Yes                            |
| PCB Retention                  | Yes                            |
| PCB Thickness - Recommended    | 2.36mm                         |
| Packaging Type                 | Tray                           |
| Panel Mount                    | No                             |
| Pitch - Mating Interface       | 0.80mm                         |
| Pitch - Termination Interface  | 0.80mm                         |
| Plating min - Mating           | 0.762µm                        |
| Plating min - Termination      | 0.762µm                        |
| Polarized to Mating Part       | Yes                            |
| Polarized to PCB               | Yes                            |
| Ports                          | 12                             |
| Surface Mount Compatible (SMC) | No                             |
| Temperature Range - Operating  | -40°C to +85°C                 |
| Termination Interface: Style   | Through Hole - Compliant Pin   |

**Electrical**

Current - Maximum per Contact 0.5A



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contains SVHC(2014 December 17): No

**Halogen-Free**

**Status**

**Not 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

ELV

**China RoHS**

Green Image

Not Relevant

**Search Parts in this Series**

[170071](#) 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 #**

|                                              |                            |
|----------------------------------------------|----------------------------|
| Stacked Multi-Port Extraction Tool, 2 by 6   | <a href="#">0622029950</a> |
| 2-by-6 SFP Stacked Multi-Port Insertion Tool | <a href="#">0622030155</a> |

|                                    |                                |
|------------------------------------|--------------------------------|
| Shield Type                        | N/A                            |
| Shielded                           | Yes                            |
| Voltage - Maximum                  | 30V AC                         |
| <b>Solder Process Data</b>         |                                |
| Lead-freeProcess Capability        | N/A                            |
| <b>Material Info</b>               |                                |
| <b>Reference - Drawing Numbers</b> |                                |
| Application Specification          | AS-170071-0001, AS-170071-0002 |
| Electrical Model Document          | EE-170071-0001                 |
| S-Parameter Model                  | SP-170071-0001                 |
| Sales Drawing                      | SD-170071-0002                 |
| Symbol/Footprint Data              | SYM-170071-0001                |
| Test Summary                       | TS-170071-0001                 |

This document was generated on 07/29/2015

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