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**Part Number:** [1700718013](#)  
**Status:** **Active**  
**Overview:** High-Speed Pluggable I/O Solutions  
**Description:** zSFP+ Stacked Ganged Assembly with Elastomeric Gasket, 2-by-8 with Outer Down/Up Light Pipes, 320 Circuits

**Documents:**

|  |  |
|--|--|
| <a href="#">3D Model</a>                                   | <a href="#">Application Specification AS-170071-0002-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                              | <a href="#">Test Summary TS-170071-0001-001 (PDF)</a>              |
| <a href="#">Product Specification PS-170071-0001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>               |

**Agency Certification**

UL E29179

**General**

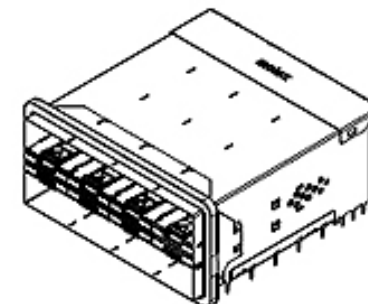
|                  |  |
|------------------|--|
| Product Family   | I/O Connectors                                     |
| Series           | <a href="#">170071</a>                             |
| Application      | Module-to-Board                                    |
| Component Type   | Receptacle   |
| Electrical Model | Yes  |
| Overview         | <a href="#">High-Speed Pluggable I/O Solutions</a> |
| Product Name     | zSFP Plus, zSFP+                                   |
| Type             | N/A  |
| UPC              | 884982402379                                       |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Circuits (Loaded)              | 320                            |
| 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                     | 187.111/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                          | 16                             |
| Surface Mount Compatible (SMC) | No                             |
| Temperature Range - Operating  | -40° 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**

Not Contained Per - ED/71/2019 (16 July 2019)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**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 #                 |
|---|---------------------------|
| 2-by-8 Stacked Multi-Port Insertion Tool            | <a href="#">622029815</a> |
| Removal Tool for 2 by 8 Small Form-Factor Pluggable | <a href="#">622029820</a> |

|                   |        |
|-------------------|--------|
| Shield Type       | N/A    |
| Shielded          | Yes    |
| Voltage - Maximum | 30V AC |

**Solder Process Data**

|                             |     |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

**Material Info****Reference - Drawing Numbers**

|                           |                                    |
|---------------------------|------------------------------------|
| Application Specification | AS-170071-0002-001                 |
| Electrical Model Document | EE-170071-0001                     |
| Product Specification     | PS-170071-0001                     |
| S-Parameter Model         | SP-170426-1000                     |
| Sales Drawing             | 1700710002-000, SD-170071-0005-001 |
| Symbol/Footprint Data     | SYM-170071-0001                    |
| Test Summary              | TS-170071-0001-001                 |

This document was generated on 09/21/2019

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