

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

1700711012

Status:

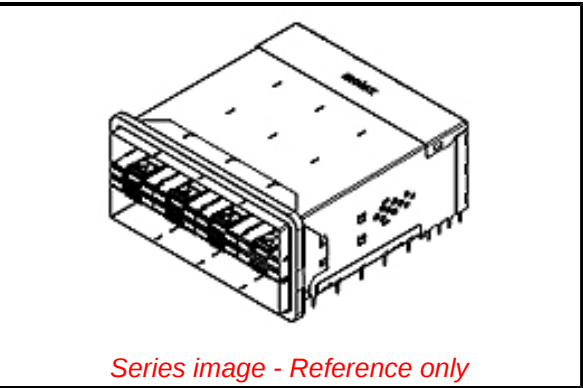
Active

Overview:

zSFP+ Interconnect System

Description:

zSFP+ Stacked Ganged Assembly with Elastomeric Gasket, 2-by-1 with Inner Light Pipes, 40 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="#">3D Model (PDF)</a>                                 | <a href="#">Symbol Footprint Data SYM-170071-0001-001 (PDF)</a>    |
| <a href="#">Product Specification PS-170071-0001-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>               |

|                                |                                |
|--------------------------------|--------------------------------|
| Agency Certification           |                                |
| UL                             | E29179                         |
| General                        |                                |
| Product Family                 | I/O Connectors                 |
| Series                         | 170071                         |
| Application                    | Module-to-Board                |
| Component Type                 | Receptacle                     |
| Data Rate                      | 28.0 Gbps                      |
| Electrical Model               | Yes                            |
| Overview                       | zSFP+ Interconnect System      |
| Product Name                   | zSFP Plus, zSFP+               |
| Type                           | N/A                            |
| UPC                            | 884982401914                   |
| Physical                       |                                |
| Circuits (Loaded)              | 40                             |
| 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                     | 27.808/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                          | 2                              |
| Surface Mount Compatible (SMC) | No                             |
| Temperature Range - Operating  | -40° to +85°C                  |
| Termination Interface: Style   | Through Hole - Compliant Pin   |

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per - D(2021)4569-DC (8 July 2021)              |               |
| Halogen-Free                                                  |               |
| Status                                                        |               |
| Not Low-Halogen                                               |               |
| For more information, please visit <a href="#">Contact US</a> |               |
| China ROHS                                                    | Green Image   |
| ELV                                                           | Not Relevant  |
| RoHS Phthalates                                               | Not Contained |

Search Parts in this Series

170071 Series

|                                                                                                                                                                                 |           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Application Tooling   <a href="#">FAQ</a>                                                                                                                                       |           |
| 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 # |
| Extraction Tool, 2 x 16                                                                                                                                                         | 22029930  |
| Medium                                                                                                                                                                          |           |

**Electrical**

|                               |        |
|-------------------------------|--------|
| Current - Maximum per Contact | 0.5A   |
| 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-170071-0001-001  |
| Product Specification     | PS-170071-0001-001  |
| S-Parameter Model         | SP-170426-1000-001  |
| Sales Drawing             | 1700710002-000      |
| Symbol/Footprint Data     | SYM-170071-0001-001 |
| Test Summary              | TS-170071-0001-001  |

This document was generated on 01/24/2022

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[170071-1012](#)