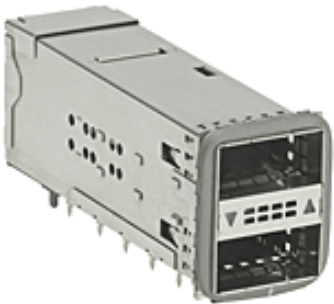


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**Part Number:** [1715651003](#)  
**Status:** **Active**  
**Overview:** [zQSFP+ and QSFP+ Integrated Product Solutions](#)  
**Description:** zQuad Small Form Factor Pluggable Plus (zQSFP+) Stacked Integrated 2-by-1 Connector and Cage with Elastomeric Gasket, Gold (Au) Over Nickel Plated, Down/Up Light Pipe

|                                                                    |                                                                  |
|--------------------------------------------------------------------|------------------------------------------------------------------|
| <b>Documents:</b>                                                  |                                                                  |
| <a href="#">3D Model (PDF)</a>                                     | <a href="#">Packaging Specification PK-171565-0001-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                      | <a href="#">Test Summary TS-171565-0001-001 (PDF)</a>            |
| <a href="#">3D Model</a>                                           | <a href="#">Datasheet (PDF)</a>                                  |
| <a href="#">Product Specification PS-171565-0001-001 (PDF)</a>     | <a href="#">Symbol Footprint Data SYM-171565-1001-001 (PDF)</a>  |
| <a href="#">Application Specification AS-171565-0002-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |

|                                |                                                               |
|--------------------------------|---------------------------------------------------------------|
| <b>Agency Certification</b>    |                                                               |
| UL                             | E29179                                                        |
| <b>General</b>                 |                                                               |
| Product Family                 | I/O Connectors                                                |
| Series                         | <a href="#">171565</a>                                        |
| Application                    | Board-to-Board, Module-to-Board, Wire-to-Board                |
| Component Type                 | Receptacle                                                    |
| Data Rate                      | 28.0 Gbps                                                     |
| Electrical Model               | Yes                                                           |
| Overview                       | <a href="#">zQSFP+ and QSFP+ Integrated Product Solutions</a> |
| Product Name                   | zQSFP Plus, zQSFP+                                            |
| Taxonomy                       | High-Speed Pluggable Connector                                |
| Type                           | N/A                                                           |
| UPC                            | 887191263472                                                  |
| <b>Physical</b>                |                                                               |
| Circuits (Loaded)              | 76                                                            |
| Circuits (maximum)             | 76                                                            |
| Color - Resin                  | Black                                                         |
| Durability (mating cycles max) | 100                                                           |
| Flammability                   | 94V-0                                                         |
| Keying to Mating Part          | None                                                          |
| Lock to Mating Part            | Yes                                                           |
| Material - Metal               | Copper Alloy                                                  |
| Material - Plating Mating      | Gold                                                          |
| Material - Plating Termination | Matte Tin                                                     |
| Material - Resin               | High Temperature Thermoplastic                                |
| Net Weight                     | 35.831/g                                                      |
| Number of Rows                 | 2                                                             |
| Orientation                    | Right Angle                                                   |
| PC Tail Length                 | 1.20mm                                                        |
| PCB Locator                    | Yes                                                           |
| PCB Retention                  | Yes                                                           |
| PCB Thickness - Recommended    | 1.57mm                                                        |
| Packaging Type                 | Tray                                                          |
| Panel Mount                    | N/A                                                           |
| Pitch - Mating Interface       | 0.80mm                                                        |
| Plating min - Mating           | 0.762µm                                                       |
| Plating min - Termination      | 0.762µm                                                       |
| Polarized to Mating Part       | Yes                                                           |
| Polarized to PCB               | Yes                                                           |
| Ports                          | 2                                                             |



Series image - Reference only

|                                                                                                                                                                                                                                                   |                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>EU ELV</b><br><b>Not Relevant</b>                                                                                                                                                                                                              |                                                                                               |
| <b>EU RoHS</b><br><b>Compliant</b><br><b>REACH SVHC</b><br>Not Contained Per -<br>D(2022)4187-DC (10<br>June 2022)<br><b>Halogen-Free</b><br><b>Status</b><br><b>Low-Halogen</b><br>For more information, please visit <a href="#">Contact US</a> | <b>China RoHS</b><br><br><br><br><br><br><br><br><br><br>China ROHS<br>ELV<br>RoHS Phthalates |
|                                                                                                                                                                                                                                                   | Green Image<br>Not Relevant<br>Not Contained                                                  |

**Search Parts in this Series**  
[171565](#) Series

**Mates With**  
[74757](#) , [111040](#) QSFP+ Cable Assemblies,  
[74763](#) QSFP+ Loopback Adapter, [111114](#)  
zQSFP+ Cable

|                                    |                              |
|------------------------------------|------------------------------|
| Temperature Range - Operating      | -40° to +85°C                |
| Termination Interface: Style       | Through Hole - Compliant Pin |
| <b>Electrical</b>                  |                              |
| Current - Maximum per Contact      | 0.5A                         |
| Grounding to Panel                 | Yes                          |
| Voltage - Maximum                  | 30V AC (RMS)/DC              |
| <b>Solder Process Data</b>         |                              |
| Lead-freeProcess Capability        | N/A                          |
| <b>Material Info</b>               |                              |
| <b>Reference - Drawing Numbers</b> |                              |
| Application Specification          | AS-171565-0002-001           |
| Electrical Model Document          | EE-171081-3000-001           |
| Packaging Specification            | PK-171565-0001-001           |
| Product Specification              | PS-171565-0001-001           |
| S-Parameter Model                  | SP-171081-3000-001           |
| Sales Drawing                      | SD-171565-2000-001           |
| Symbol/Footprint Data              | SYM-171565-1001-001          |
| Test Summary                       | TS-171565-0001-001           |

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