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**Part Number:** [170071-8011](#)  
**Status:** **Active**  
**Overview:** ZXP® Modular I/O Interconnect System  
**Description:** ZXP® zSFP+™ Stacked Ganged Assembly with Elastomeric Gasket, 2X8 with 4 Light Pipes, 320 Circuits

**Documents:**

[3D Model](#) [Test Summary TS-170071-0001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

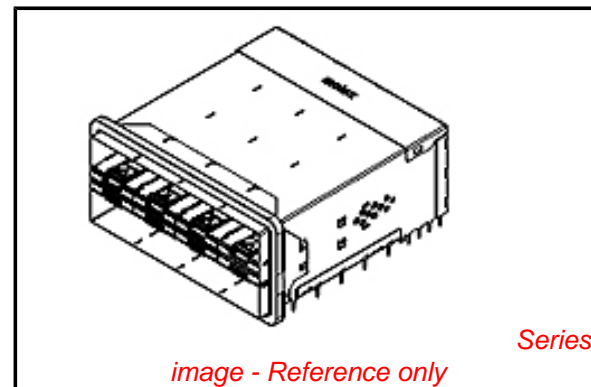
Product Family I/O Connectors  
 Series [170071](#)  
 Application Module-to-Board  
 Component Type Receptacle  
 Overview [ZXP® Modular I/O Interconnect System](#)  
 Product Name ZXP® zSFP+™  
 Type N/A  
 UPC 884982402362

**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 Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 192.055/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°C to +85°C  
 Termination Interface: Style Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact 0.5A  
 Shield Type N/A



**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Not Low-Halogen**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[170071Series](#)

**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="#">0622029815</a>
Removal Tool for 2 by 8 Small Form-Factor Pluggable	<a href="#">0622029820</a>

Shielded  
Voltage - Maximum

Yes  
30V AC

### **Material Info**

### **Reference - Drawing Numbers**

Electrical Model Document  
S-Parameter Model  
Sales Drawing  
Test Summary

EE-170071-0001  
SP-170071-0001  
SD-170071-0002  
TS-170071-0001

This document was generated on 06/26/2013

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