

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1700718012](#)  
**Status:** **Active**  
**Overview:** High-Speed Pluggable I/O Solutions  
**Description:** zSFP+ Stacked Ganged Assembly with Elastomeric Gasket, 2-by-8 with Inner Light Pipes, 320 Circuits

**Documents:**

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

**Agency Certification**

UL E29179

**General**

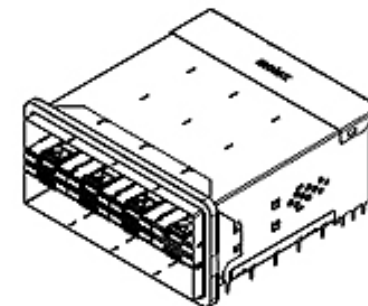
Product Family	I/O Connectors
Series	<a href="#">170071</a>
Application	Module-to-Board
Component Type	Receptacle
Electrical Model	Yes
Overview	<a href="#">High-Speed Pluggable I/O Solutions</a>
Product Name	zSFP Plus, zSFP+
Type	N/A
UPC	884982398214

**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	186.695/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



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/30/2017 (7 July  
2017)

**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

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[170071](#) Series

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

**Solder Process Data**

Lead-free Process 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, TS-170071-0001-001
S-Parameter Model	SP-170426-1000
Sales Drawing	SD-170071-0002, SD-170071-0005
Symbol/Footprint Data	SYM-170071-0001

This document was generated on 11/30/2017

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