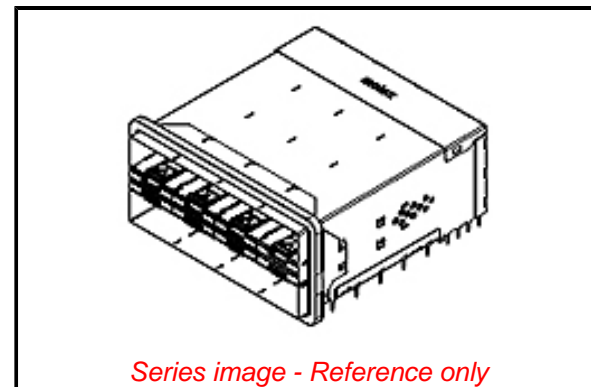


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1700716011](#)  
**Status:** **Active**  
**Overview:** [zSFP+ Interconnect System](#)  
**Description:** zSFP+ Stacked Ganged Assembly with Elastomeric Gasket, 2-by-6 with 4 Light Pipes, 240 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-170071-0002-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Test Summary TS-170071-0001-001 (PDF)</a>
<a href="#">Drawing (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	<a href="#">170071</a>
Application	Module-to-Board
Component Type	Receptacle
Data Rate	28.0 Gbps
Electrical Model	Yes
Overview	<a href="#">zSFP+ Interconnect System</a>
Product Name	zSFP Plus, zSFP+
Taxonomy	High-Speed Pluggable Connector
Type	N/A
UPC	884982402331

**Physical**

Circuits (Loaded)	240
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	145.264/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	12
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**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

**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](#)

**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
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**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 10/03/2022

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