



Part Number : [1700711212](#)

Product Description : zSFP+ Stacked Ganged Assembly with Elastomeric Gasket, 2-by-12 with Inner Light Pipes, 480 Circuits

Series Number : 170071

Status : Active

Product Category : High-Speed I/O Connectors

Documents & Resources

Drawings

[Drawing 1700711212_sd.pdf](#)

3D Models and Design Files

[3D Model 1700711212_stp.zip](#)

[Electrical Model Document EE-170071-0001-001.pdf](#)

[S-Parameter Model SP-170426-1000-001.zip](#)

Specifications


[Application Specification AS-170071-0002-001.pdf](#)

[Product Specification PS-170071-0001-001.pdf](#)

[Test Summary TS-170071-0001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

[Multiple Part Product Compliance Statements](#)

- Eu RoHS
- REACH SVHC
- Low-Halogen

[Multiple Part Industry Compliance Documents](#)

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	High-Speed I/O Connectors
Series	170071
Description	zSFP+ Stacked Ganged Assembly with Elastomeric Gasket, 2-by-12 with Inner Light Pipes, 480 Circuits
Application	Module-to-Board
Component Type	Receptacle
Product Family	SFP+ and SFP Interconnect Solutions
Product Name	zSFP Plus,zSFP+
Type	N/A
UPC	887191132877

Electrical

Current - Maximum per Contact	0.5A
Data Rate	28.0 Gbps
Shield Type	N/A
Shielded	Yes
Voltage - Maximum	30V AC

Physical

Circuits (Loaded)	480
Color - Resin	Black
Durability (mating cycles max)	100
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	277.512/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Tray
Panel Mount	No
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	2.36mm
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	24
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	Through Hole - Compliant Pin

Solder Process Data

Lead-Free Process Capability	N/A
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