



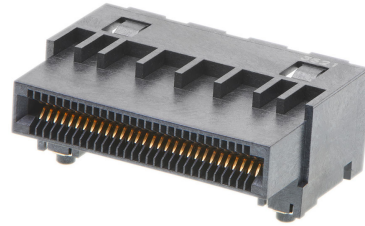
**Part Number :** [2139120000](#)

**Product Description :** OSFP Surface Mount Connector, 60 Circuits, 112 Gbps, Gold (Au) Mating Plating, Tin (Sn) SMT Tail Plating

**Series Number :** 213912

**Status :** Active

**Product Category :** High-Speed I/O Connectors



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## Documents & Resources

### Drawings

[2139120000\\_sd.pdf](#)

[2139129000-PKG.pdf](#)

### 3D Models and Design Files

[2139120000\\_stp.zip](#)

### Specifications

[2139129010-TS-000.pdf](#)

[2139129020-AS-000.pdf](#)

[2139129030-RS-000.pdf](#)

[2139129010-PS-000.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	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

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### Part Details

#### General

Status	Active
Category	High-Speed I/O Connectors
Series	213912
Description	OSFP Surface Mount Connector, 60 Circuits, 112 Gbps, Gold (Au) Mating Plating, Tin (Sn) SMT Tail Plating
Application	Module-to-Board
Component Type	Receptacle
Product Name	OSFP
Type	Pluggable
UPC	193264588015

#### Agency

CSA	LR19980
UL	E29179

#### Electrical

Current - Maximum per Contact	2.2A
Data Rate	112 Gbps (PAM-4)
Shielded	Yes
Voltage - Maximum	30V AC (RMS)

#### Physical

Circuits (Loaded)	60
Circuits (maximum)	60
Color - Resin	Black

Durability (mating cycles max)	100
Flammability	94V-0
Gender	Female
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	2.328/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
Panel Mount	N/A
PCB Locator	Yes
PCB Retention	None
Pitch - Mating Interface	0.60mm
Pitch - Termination Interface	0.60mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Temperature Range - Operating	-25° to +65°C
Termination Interface Style	Surface Mount

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Mates With	OSFP Cable

### Use with Part(s)

Description	Part Number
Use With	OSFP Cage

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This document was generated on Feb 13, 2025