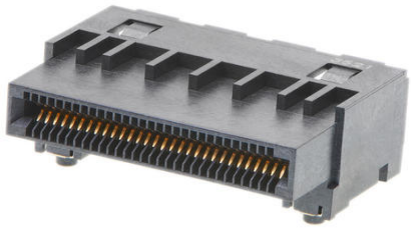
Part Number : 2139120000
Product Description : OSFP Surface Mount Connector, 60 Circuits, 112 Gbps, Gold (Au) Mating Plating, Tin (Sn) SMT Tail Plating
Series Number : 213912
Status : Not Recommended For New Design
Product Category : High-Speed I/O Connectors



Documents and Resources

Drawings

2139120000_sd.pdf

2139129000-PKG.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

2139129010-TS-000.pdf

2139129020-AS-000.pdf

2139129030-RS-000.pdf

2139129010-PS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)

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EU RoHS	Compliant per EU 2015/863

Compliance Statements
- EU RoHS
- REACH SVHC
- Low-Halogen

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

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Not Recommended For New Design
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

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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	No
Lock to Mating Part	No
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	No
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

Mates With / Use With

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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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