



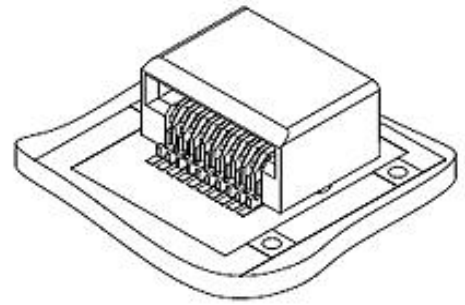
Part Number : [1703820001](#)

Product Description : zSFP+ Assembly, Right-Angle, Surface Mount, 20 Circuits, 0.38µm Gold (Au), Tin Tails

Series Number : 170382

Status : Active

Product Category : High-Speed I/O Connectors



Documents and Resources

Drawings

[1703820001_sd.pdf](#)

[PK-70873-1201-001.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[1703820001-000.pdf](#)

[EE-170382-0001-001.pdf](#)

[SP-170382-0001-001.zip](#)

Specifications


[AS-170382-0001-001.pdf](#)

[PS-170382-001-001.pdf](#)

[TS-170382-0001-001.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)

EU RoHS	Compliant per EU 2015/863
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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	Active
Category	High-Speed I/O Connectors
Series	170382
Description	zSFP+ Assembly, Right-Angle, Surface Mount, 20 Circuits, 0.38µm Gold (Au), Tin Tails
Application	Module-to-Board
Component Type	I/O Plug Connector Subassembly
Product Name	zSFP Plus,zSFP+
Type	Pluggable
UPC	884982557260

Agency

UL	E29179
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Electrical

Current - Maximum per Contact	0.5A
Data Rate	28.0 Gbps, 56.0 Gbps

Grounding to Panel	None
Voltage - Maximum	30V AC (RMS)/DC

Physical

Circuits (Loaded)	20
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	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	0.600/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Reel
Panel Mount	No
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
Pitch - Mating Interface	0.80mm
Pitch - Termination Interface	0.80mm
Plating min - Mating	0.381µm
Plating min - Termination	0.381µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	Surface Mount
Waterproof / Dustproof	No

Solder Process Data

Max-Duration	15
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Lead-Free Process Capability	REFLOW
Max-Cycle	3
Max-Temp	260

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