



Part Number : 1703820002

Series Number : 170382

Product Category : High-Speed I/O  
Connectors

Product Description : zSFP+ Assembly, Right-Angle, Surface Mount, 20 Circuits, 0.76µm Gold (Au), Tin Tails

Status : Active

Documents & Resources

Drawings

- Drawing 1703820002\_sd.pdf
- Packaging Design Drawing PK-70873-1201-001.pdf

3D Models and Design Files


- 3D Model 1703820002\_stp.zip
- Electrical Model Document 1703820001-000.pdf
- Electrical Model Document EE-170382-0001-001.pdf
- S-Parameter Model SP-170382-0001-001.zip

Specifications

- Application Specification AS-170382-0001-001.pdf
- Product Specification PS-170382-001-001.pdf
- Test Summary TS-170382-0001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
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	170382
Description	zSFP+ Assembly, Right-Angle, Surface Mount, 20 Circuits, 0.76µm Gold (Au), Tin Tails
Application	Module-to-Board
Component Type	I/O Plug Connector Subassembly
Product Family	SFP+ and SFP Interconnect Solutions
Product Name	zSFP Plus,zSFP+
Type	Pluggable
UPC	884982557277

#### Agency

UL	E29179
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#### Electrical

Current - Maximum per Contact	0.5A
Data Rate	28.0 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	None
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	0.762μm
Plating min - Termination	0.762μm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	Surface Mount
Waterproof / Dustproof	No