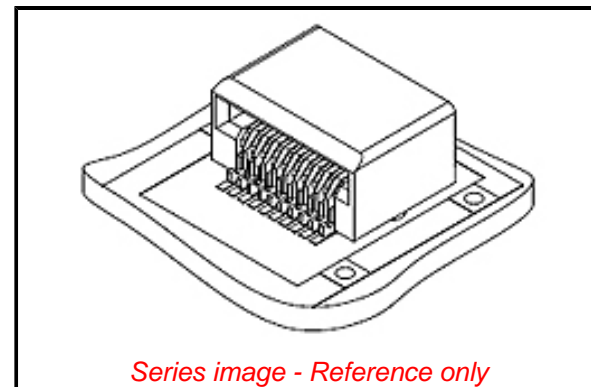


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**Part Number:** [1703820001](#)  
**Status:** **Active**  
**Overview:** [zSFP+ Interconnect System](#)  
**Description:** zSFP+ Assembly, Right-Angle, Surface Mount, 20 Circuits, 0.38µm Gold (Au), Tin Tails

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-170382-0001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-70873-1201-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Test Summary TS-170382-0001-001 (PDF)</a>
<a href="#">Product Specification PS-170382-001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



*Series image - Reference only*

**Agency Certification**

UL E29179

**General**

Product Family	I/O Connectors
Series	<a href="#">170382</a>
Application	Module-to-Board
Component Type	I/O Plug Connector Subassembly
Electrical Model	Yes
Overview	<a href="#">zSFP+ Interconnect System</a>
Product Name	zSFP Plus, zSFP+
Type	N/A
UPC	884982557260

**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	0.564/g
Number of Rows	2
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
Packaging Type	Reel
Panel Mount	No
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
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +85°C
Termination Interface: Style	Surface Mount
Waterproof / Dustproof	No

**Electrical**

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[170382 Series](#)

Current - Maximum per Contact	0.5A
Grounding to Panel	None
Voltage - Maximum	30V AC (RMS)/DC

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	015
Lead-free Process Capability	REFLOW
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

**Material Info****Reference - Drawing Numbers**

Application Specification	AS-170382-0001-001
Electrical Model Document	1703820001-000, EE-170382-0001-001
Packaging Specification	PK-70873-1201-001
Product Specification	PS-170382-001-001
S-Parameter Model	SP-170382-0001-001
Sales Drawing	SD-170382-001-001
Test Summary	TS-170382-0001-001

This document was generated on 01/19/2022

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