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**Part Number:** [1703820002](#)  
**Status:** **Active**  
**Overview:** High-Speed Pluggable I/O Solutions  
**Description:** zSFP+® Assembly, Right Angle, Surface Mount, 20 Circuits, 0.76µm Gold (Au), Tin Tails

**Documents:**

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

**Agency Certification**

UL E29179

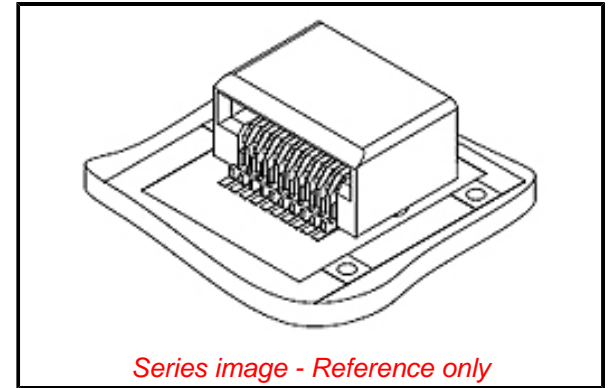
**General**

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="#">High-Speed Pluggable I/O Solutions</a>
Product Name	zSFP+®
Type	N/A
UPC	884982557277

**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	0.857/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	0.762µm
Plating min - Termination	0.762µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount
Waterproof / Dustproof	No

**Electrical**



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/21/2016 (20 June  
2016)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

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

**Material Info**

**Reference - Drawing Numbers**

Electrical Model Document	EE-170382-0001
Packaging Specification	PK-70873-1201
Product Specification	PS-170382-001-001, TS-170382-0001-001
S-Parameter Model	SP-170382-0001
Sales Drawing	SD-170382-001

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