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**Part Number:** [170382-0001](#)  
**Status:** **Active**  
**Overview:** ZXP® Modular I/O Interconnect System  
**Description:** ZXP® zSFP+™ Right Angle, SMT, 20 Circuits, 0.38µm Gold (Au), Tin Tails

**Documents:**

[3D Model](#) [Test Summary TS-170382-0002 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**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
Overview	<a href="#">ZXP® Modular I/O Interconnect System</a>
Product Name	ZXP® zSFP+™
Type	N/A
UPC	884982557260

**Physical**

Boot Color	N/A
Circuits (Loaded)	20
Circuits (maximum)	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, Polycarbonate
Net Weight	0.857/g
Number of Rows	2
Orientation	Right Angle
PC Tail Length	2.07mm
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°C to +85°C
Termination Interface: Style	Surface Mount
Waterproof / Dustproof	No

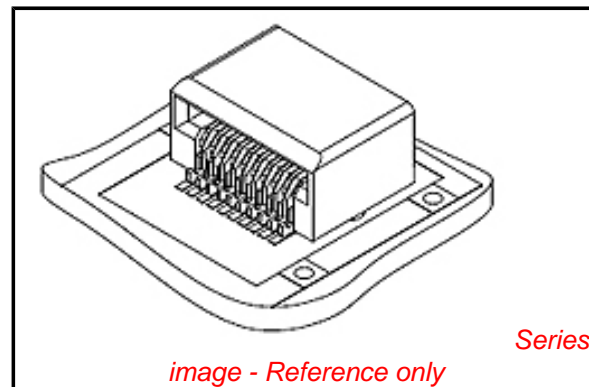


image - Reference only

**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Low-Halogen Status**  
**Low-Halogen**

**China RoHS**



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Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

170382Series

**Electrical**

Current - Maximum per Contact	0.5A
Grounding to Panel	None
Voltage - Maximum	120V AC (RMS)/DC

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	15
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	260

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

Electrical Model Document	EE-170382-0001
S-Parameter Model	SP-170382-0001
Sales Drawing	SD-170382-001
Signal Integrity Report	SI-170382-0001
Test Summary	TS-170382-0002

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