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Part Number: [170382-0002](#)
Status: **Active**
Overview: [ZXP® Modular I/O Interconnect System](#)
Description: [ZXP® zSFP+™ Right Angle, SMT, 20 Circuits, 0.76µm Gold \(Au\), Tin Tails](#)

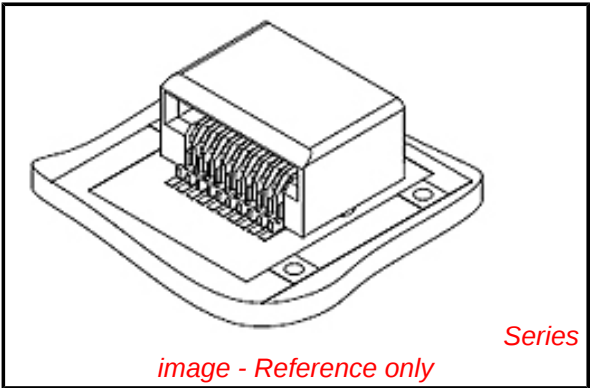
Documents:
[3D Model](#)
[Drawing \(PDF\)](#)

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

Agency Certification
UL E29179

General	
Product Family	I/O Connectors
Series	170382
Application	Module-to-Board
Component Type	I/O Plug Connector Subassembly
Overview	ZXP® Modular I/O Interconnect System
Product Name	ZXP® zSFP+™
Type	N/A
UPC	884982557277

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	0.762µm
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



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



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

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

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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