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Part Number: [1703820001](#)
Status: **Active**
Overview: [High-Speed Pluggable I/O Solutions](#)
Description: zSFP+™ Assembly, Right Angle, Surface Mount, 20 Circuits, 0.38µm Gold (Au), Tin Tails

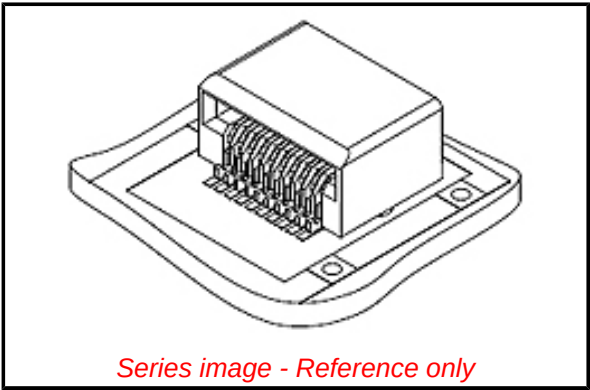
Documents:
[3D Model](#) [Application Specification AS-170382-0001 \(PDF\)](#)
[Drawing \(PDF\)](#) [Test Summary TS-170382-0002REVA \(PDF\)](#)
[Product Specification PS-170382-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification
UL E29179

General
Product Family I/O Connectors
Series [170382](#)
Application Module-to-Board
Component Type I/O Plug Connector Subassembly
Electrical Model Yes
Overview [High-Speed Pluggable I/O Solutions](#)
Product Name 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 0.857/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 0.381µm
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

Electrical



EU ELV
Not Relevant

EU RoHS Compliant REACH SVHC Contains SVHC(2014 December 17): No Halogen-Free Status Low-Halogen Need more information on product environmental compliance? Email productcompliance@molex.com Please visit the Contact Us section for any non-product compliance questions.	China RoHS
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China ROHS ELV	Green Image Not Relevant
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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-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Application Specification	AS-170382-0001
Electrical Model Document	EE-170382-0001
Product Specification	PS-170382-001
S-Parameter Model	SP-170382-0001
Sales Drawing	SD-170382-001
Signal Integrity Report	SI-170382-0001
Test Summary	TS-170382-0002_REVA

This document was generated on 06/22/2015

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