

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

1703820002

Status:

Active

Overview:

zSFP+ Interconnect System

Description:

zSFP+ Assembly, Right-Angle, Surface Mount, 20 Circuits, 0.76µm Gold (Au), Tin Tails

Documents:	
3D Model	Application Specification AS-170382-0001-001 (PDF)
Drawing (PDF)	Packaging Specification PK-70873-1201-001 (PDF)
3D Model (PDF)	Test Summary TS-170382-0001-001 (PDF)
Product Specification PS-170382-001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

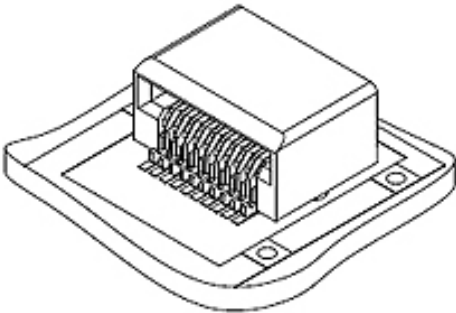
UL	E29179
----	--------

General

Product Family	I/O Connectors
Series	170382
Application	Module-to-Board
Component Type	I/O Plug Connector Subassembly
Electrical Model	Yes
Overview	zSFP+ Interconnect System
Product Name	zSFP Plus, zSFP+
Taxonomy	High-Speed Pluggable Connector
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° to +85°C
Termination Interface: Style	Surface Mount
Waterproof / Dustproof	No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Low-Halogen

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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

170382 Series

Electrical

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

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 09/26/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION