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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:

3D Model	Product Specification TS-170382-0001-001 (PDF)
Drawing (PDF)	Packaging Specification PK-70873-1201 (PDF)
Product Specification PS-170382-001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL E29179

General

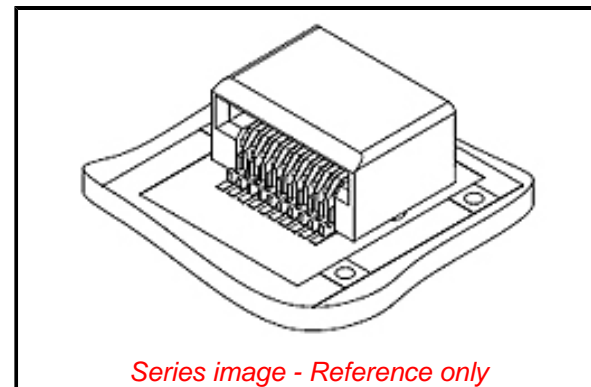
Product Family	I/O Connectors
Series	170382
Application	Module-to-Board
Component Type	I/O Plug Connector Subassembly
Electrical Model	Yes
Overview	High-Speed Pluggable I/O Solutions
Product Name	zSFP Plus, zSFP+
Type	N/A
UPC	884982557277

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

Current - Maximum per Contact 0.5A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/30/2017 (7 July
2017)

Halogen-Free

Status

Low-Halogen

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environmental compliance?**

Email 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](#)

Grounding to Panel
Voltage - Maximum

None
30V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Electrical Model Document
Packaging Specification
Product Specification
S-Parameter Model
Sales Drawing

EE-170382-0001
PK-70873-1201
PS-170382-001-001, TS-170382-0001-001
SP-170382-0001
SD-170382-001

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