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Part Number:

1703820001

Status:

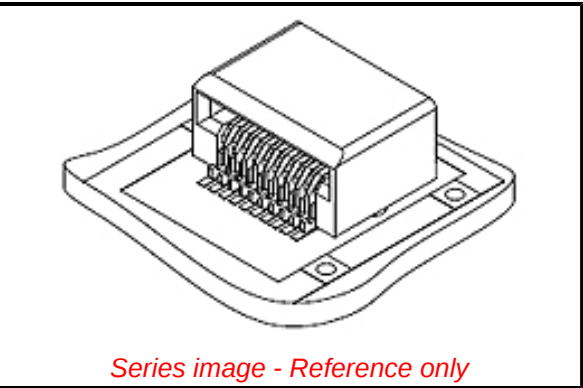
Active

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	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+®
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

China RoHS

REACH SVHC

Not Contained Per

-ED/01/2017 (12

January 2017)

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

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

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

Electrical Model Document	EE-170382-0001
Packaging Specification	PK-70873-1201
Product Specification	PS-170382-001-001, TS-170382-0001-001
S-Parameter Model	SP-170382-0001
Sales Drawing	SD-170382-001

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