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Part Number: [1725018002](#)
Status: **Active**
Overview: [zSFP+ Interconnect System](#)
Description: zSFP+ Stacked Ganged Assembly with Metal Spring Fingers, 2-by-8, with Enhanced Airflow, 320 Circuits

Documents:

[Drawing \(PDF\)](#) [Test Summary TS-170071-0001-001 \(PDF\)](#)
[Product Specification PS-170071-0001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

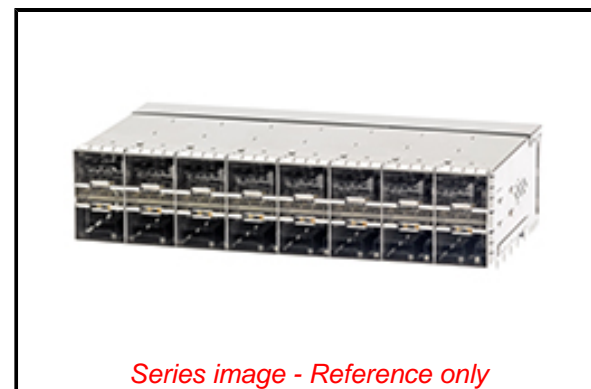
Product Family	I/O Connectors
Series	172501
Application	Module-to-Board
Component Type	Receptacle
Data Rate	28.0 Gbps
Overview	zSFP+ Interconnect System
Product Name	zSFP Plus, zSFP+
Taxonomy	High-Speed Pluggable Connector
Type	N/A
UPC	889056079679

Physical

Circuits (Loaded)	320
Color - Resin	Black
Durability (mating cycles max)	100
Gender	Female
Lock to Mating Part	Yes
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	High Performance Thermoplastic
Net Weight	153.860/g
Number of Rows	2
Orientation	Right Angle
PC Tail Length	1.70mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
Packaging Type	Tray
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
Ports	16
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +85°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	0.5A
Shield Type	EMI Fingers
Shielded	Yes
Voltage - Maximum	30V AC (RMS)/DC



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

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

Halogen-Free

Status

Not Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[172501 Series](#)

Solder Process Data

Lead-free Process Capability

N/A

Material Info**Reference - Drawing Numbers**

Electrical Model Document

EE-170071-0001-001

Product Specification

PS-170071-0001-001

S-Parameter Model

SP-170426-1000-001

Sales Drawing

SD-172501-0001-001, SD-172501-0002-001

Test Summary

TS-170071-0001-001

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