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Part Number:

1700718001

Status:

Active

Overview:

High-Speed Pluggable I/O Solutions

Description:

zSFP+™ Stacked Ganged Assembly with Elastomeric Gasket, 2-by-8 No Light Pipes, 320 Circuits

Documents:

3D Model

Application Specification AS-170071-0002 (PDF)

Drawing (PDF)

Test Summary TS-170071-0001 (PDF)

Application Specification AS-170071-0001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

I/O Connectors

Series

170071

Application

Module-to-Board

Component Type

Receptacle

Electrical Model

Yes

Overview

High-Speed Pluggable I/O Solutions

Product Name

zSFP+™

Type

N/A

UPC

884982402355

Physical

Circuits (Loaded)

320

Color - Resin

Black

Durability (mating cycles max)

100

Flammability

94V-0

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 Temperature Thermoplastic

Net Weight

159.679/g

Number of Rows

2

Orientation

Right Angle

PCB Locator

Yes

PCB Retention

Yes

PCB Thickness - Recommended

2.36mm

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°C to +85°C

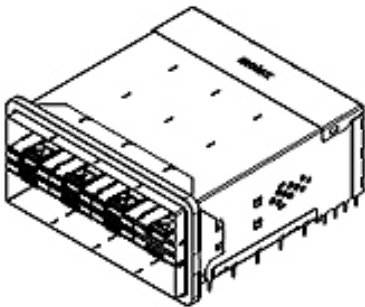
Termination Interface: Style

Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact

0.5A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Contains SVHC(2014

December 17): No

Halogen-Free

Status

Not 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

Search Parts in this Series

170071 Series

Application Tooling | FAQ

Tooling specifications and manuals are

found by selecting the products below.

Crimp Height Specifications are then

contained in the Application Tooling

Specification document.

Global

Description

Product #

Removal Tool for

0622029820

2 by 8 Small Form-

Factor Pluggable

2-by-8 Stacked Multi-

Port Insertion Tool

Shield Type	N/A
Shielded	Yes
Voltage - Maximum	30V AC
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-170071-0001, AS-170071-0002
Electrical Model Document	EE-170071-0001
S-Parameter Model	SP-170071-0001
Sales Drawing	SD-170071-0001, SD-170071-0002, SD-170071-0004
Test Summary	TS-170071-0001

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