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Part Number:

0768710005

Status:

Active

Overview:

QSFP+ Interconnect Solution

Description:

Quad Small Form-factor Pluggable Plus (QSFP) Assembly, Stacked 2 by 1 with Elastomer Gaskets, Tin

Documents:

- 3D Model

Application Specification AS-76870-001-001 (PDF)
- Drawing (PDF)

Application Specification AS-76871-0002-001 (PDF)
- Product Specification PS-76870-001-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

I/O Connectors

Series

76871

Application

Module-to-Board

Component Type

Receptacle

Electrical Model

Yes

Overview

QSFP+ Interconnect Solution

Product Name

QSFP

Type

N/A

UPC

884982637207

Physical

Boot Color

N/A

Circuits (Loaded)

76

Circuits (maximum)

76

Durability (mating cycles max)

100

Flammability

94V-0

Gender

Female

Keying to Mating Part

None

Lock to Mating Part

Yes

Material - Metal

Phosphor Bronze

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Net Weight

39.492/g

Number of Rows

2

Orientation

Right Angle

PC Tail Length

1.25mm

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

Polarized to Mating Part

Yes

Polarized to PCB

Yes

Ports

2

Surface Mount Compatible (SMC)

No

Temperature Range - Operating

-40° to +85°C

Termination Interface: Style

Through Hole - Compliant Pin

Waterproof / Dustproof

No

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

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

76871 Series

Use With

74757 , 74758

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 #

QSFP+ and zQSFP+ [622025300](#)

Multi-Port Connector

Tooling

Multi-Port Connector [622030390](#)

Extraction Tool

Current - Maximum per Contact	0.5A
Grounding to Panel	None
Shield Type	EMI Gasket
Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-76870-001-001, AS-76871-0002-001
Electrical Model Document	EE-76870-001
Product Specification	PS-76870-001-001
S-Parameter Model	SP-76870-001
Sales Drawing	SD-76871-001

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