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Part Number:

76871-0006

Status:

Active

Overview:

Quad Small Form-factor Pluggable Plus (QSFP+) Interconnect Solution

Description:

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



Series

image - Reference only

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-76870-001 \(PDF\)](#)
- [Application Specification AS-76870-001 \(PDF\)](#)
- [Application Specification AS-76871-0002 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL

E29179

General

Product Family

Series

Application

Component Type

Overview

Product Name

Type

UPC

I/O Connectors

76871

Module-to-Board

Receptacle

Quad Small Form-factor Pluggable Plus (QSFP+)

Interconnect Solution

QSFP

N/A

884982637214

Physical

Boot Color

Circuits (Loaded)

Circuits (maximum)

Circuits Detail

Durability (mating cycles max)

Flammability

Gender

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Net Weight

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Panel Mount

Pitch - Mating Interface

Pitch - Termination Interface

Polarized to Mating Part

Polarized to PCB

Ports

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

Waterproof / Dustproof

N/A

76

76

76

100

94V-0

Female

None

Yes

Phosphor Bronze

Gold

Tin

40.208/g

2

Right Angle

1.25mm

Yes

Yes

1.57mm

Tray

No

0.80mm

0.80mm

Yes

Yes

2

No

-40°C to +85°C

Through Hole - Compliant Pin

No

EU RoHS

ELV and RoHS
Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Low-Halogen

China RoHS



Need more information on product
environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series

76871Series

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 #
Multi-Port Connector	0622030380
Insertion Tool	
Multi-Port Connector	0622030390
Extraction Tool	

Electrical

Current - Maximum per Contact	0.5A
Grounding to Panel	None
Shield Type	EMI Gasket
Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification	AS-76870-001, AS-76871-0002
Product Specification	PS-76870-001
Sales Drawing	SD-76871-001

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