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Part Number:

0768700004

Status:

Active

Overview:

QSFP+ Interconnect Solution

Description:

Quad Small Form-factor Pluggable Plus QSFP+ Assembly, Stacked 2 by 3 with Elastomer Gaskets and Light Pipes, Tin

Documents:

3D Model

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

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-76870-001-001 (PDF)

Agency Certification

UL

E29179

General

Product Family

I/O Connectors

Series

76870

Application

Module-to-Board

Component Type

Receptacle

Electrical Model

Yes

Overview

QSFP+ Interconnect Solution

Product Name

QSFP Plus, QSFP+

Type

N/A

UPC

884982637399

Physical

Boot Color

N/A

Circuits (Loaded)

228

Circuits (maximum)

228

Circuits Detail

228

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

109.010/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

6

Surface Mount Compatible (SMC)

No

Temperature Range - Operating

-40° to +85°C

Termination Interface: Style

Through Hole - Compliant Pin

Waterproof / Dustproof

No



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

Not 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

76870 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 #

Insertion Tool for 622029630

Multi-Port Connector

Removal Tool for 622029640

Multi-Port Connector

Electrical

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
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Material Info

Reference - Drawing Numbers

Application Specification	AS-76870-001-001
Electrical Model Document	EE-76870-001
Product Specification	PS-76870-001-001
S-Parameter Model	SP-76870-001
Sales Drawing	SD-76870-001, SD-76870-2000

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