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Part Number: [0768711302](#)
Status: **Active**
Overview: [QSFP+ Interconnect Solution](#)
Description: Quad Small Form-factor Pluggable Plus (QSFP) Assembly, Stacked 2 by 1 with Elastomer Gaskets and Light Pipes - Left Up/Right Down, Tin

Documents:

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

Agency Certification

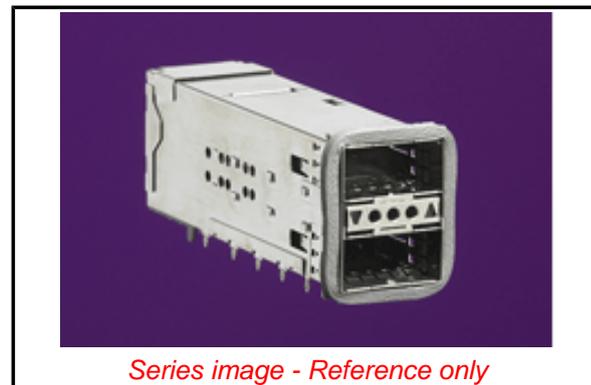
UL E29179

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 884982810853

Physical

Boot Color N/A
 Circuits (Loaded) 76
 Circuits (maximum) 76
 Circuits Detail 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 36.059/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°C to +85°C
 Termination Interface: Style Through Hole - Compliant Pin
 Waterproof / Dustproof No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ED/108/2014 (17 Dec
 2014)

Halogen-Free

Status

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

ELV

Green Image

Not Relevant

Search Parts in this Series

[76871](#) Series

Use With

[74757](#) , [74758](#)

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

Duration at Max. Process Temperature (seconds)	020
Lead-free Process Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info**Reference - Drawing Numbers**

Application Specification	AS-76870-001, AS-76871-0002
Electrical Model Document	EE-76870-001
Product Specification	PS-76870-001
S-Parameter Model	SP-76870-001
Sales Drawing	SD-76871-1301

This document was generated on 03/30/2016

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