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Part Number: 76871-0001

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

Series image - Reference only

Status:	**OBSOLETE**
Replacement:	768710005 Tin
Series:	76871
Category:	I/O Connectors
Overview:	Quad Small Form-factor Pluggable Plus (QSFP+) Interconnect Solution

Use With:
74757, 74758

Product Environmental Compliance

EU RoHS: RoHS Compliant by Exemption
China RoHS:
REACH SVHC: Not Reviewed
Low-Halogen Status: Not Reviewed

Part Detail

General

Status	**Obsolete**
Category	I/O Connectors
Series	76871
Application	Module-to-Board
Component Type	Receptacle
Overview	Quad Small Form-factor Pluggable Plus (QSFP+) Interconnect Solution
Product Name	QSFP
Type	N/A

Physical

Boot Color	N/A
Circuits (Loaded)	76
Circuits (maximum)	76
Circuits Detail	76
Durability (mating cycles max)	100
Gender	Female
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin-Lead
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

Electrical

(Please review the Product Specification for specific details.)

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

Application Tooling

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 Insertion Tool	0622030380
Multi-Port Connector Extraction Tool	0622030390

Previously Available Application Tooling

Check our list of old tooling that used to be available for this part