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Part Number:

0768700003

Status:

Active

Overview:

QSFP+ Interconnect Solution

Description:

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

Documents:

3D Model

Drawing (PDF)

Product Specification PS-76870-001 (PDF)

Application Specification AS-76870-001 (PDF)

RoHS Certificate of Compliance (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+
Type	N/A
UPC	884982637375
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	107.542/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°C to +85°C
Termination Interface: Style	Through Hole - Compliant Pin
Waterproof / Dustproof	No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Contains SVHC(2014

December 17): No

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

Green Image

ELV

Not Relevant

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

0622029630

Multi-Port Connector

Removal Tool for

0622029640

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

Material Info

Reference - Drawing Numbers

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

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