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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)

3D Model (PDF)

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

Application Specification AS-76870-001-001 (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 Plus, 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° 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	
Not Contained Per - ECHA_01_2020 (16 January 2020	
Halogen-Free	
Status	
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

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-76870-2000-001

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