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Part Number:

0744415010

Status:

Active

Overview:

SFP+ and SFP Interconnect Solutions

Description:

0.80mm Pitch SFP Plus (SFP+) Host Connector, Right Angle, Surface Mount, 20 Circuits, 0.76µm Gold (Au) Plating Over Nickel (Ni), Solder Area Tin (Sn) Over Nickel (Ni)



Series image - Reference only

Documents:

- 3D Model

Application Specification AS-74441-001-001 (PDF)
- Drawing (PDF)

Packaging Specification PK-70873-1201 (PDF)
- Product Specification PS-74441-001 (PDF)

Test Summary TS-74441-0003 (PDF)
- Product Specification TS-74441-002-001 (PDF)

RoHS Certificate of Compliance (PDF)
- Product Specification TS-74441-010-001 (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

I/O Connectors

Series

74441

Application

Module-to-Board

Component Type

Receptacle

Electrical Model

Yes

Overview

SFP+ and SFP Interconnect Solutions

Product Name

SFP Plus

Type

N/A

UPC

800756753188

Physical

Boot Color

N/A

Circuits (Loaded)

20

Circuits (maximum)

20

Circuits Detail

20

Color - Resin

Black

Durability (mating cycles max)

200

Flammability

94V-0

Gender

Receptacle

Keying to Mating Part

None

Lock to Mating Part

Yes

Material - Metal

High Performance Alloy (HPA)

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Net Weight

0.700/g

Number of Rows

2

Orientation

Right Angle

PCB Locator

Yes

PCB Retention

Yes

Packaging Type

Embossed Tape on Reel

Panel Mount

No

Pitch - Mating Interface

0.80mm

Pitch - Termination Interface

0.80mm

Plating min - Mating

0.762µm

Plating min - Termination

2.540µm

Polarized to Mating Part

Yes

Polarized to PCB

No

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/30/2017 (7 July
2017)

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

RoHS Phthalates

Not Contained

Search Parts in this Series

74441 Series

Mates With

SFP Plus Modules

Use With

EMI Shield, 73927 SFP Cage, 86025 LC
Duplex Cable Assembly, Guide Frame,
73939 HSSDC2 Cable Assembly

Ports	1
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount
Waterproof / Dustproof	No
Wire Size AWG	N/A
Electrical	
Current - Maximum per Contact	0.5A
Grounding to Panel	Yes
Shielded	No
Voltage - Maximum	30V AC (RMS)/DC
Solder Process Data	
Duration at Max. Process Temperature (seconds)	040
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-74441-001-001
Electrical Model Document	EE-74441-001
Packaging Specification	PK-70873-1201
Product Specification	PS-74441-001, TS-74441-002-001, TS-74441-010-001
S-Parameter Model	SP-74441-001
Sales Drawing	SD-74441-001, SD-74441-008
Test Summary	TS-74441-0003

This document was generated on 08/29/2017

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