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Part Number: [74441-5010](#)
Status: **Active**
Overview: [SFP / SFP+ Host Connectors](#)
Description: 0.80mm Pitch SFP Plus (SFP+) Host Connector, Right Angle, SMT, 20 Circuits, 0.76µm Gold (Au) Plating Over Nickel (Ni), Solder Area Tin (Sn) Over Nickel (Ni)

Documents:

3D Model	Test Summary TS-74441-002 (PDF)
Drawing (PDF)	Test Summary TS-74441-004 (PDF)
Product Specification PS-74441-001 (PDF)	Test Summary TS-74441-010 (PDF)
Application Specification AS-74441-001 (PDF)	RoHS Certificate of Compliance (PDF)
Test Summary TS-74441-0003 (PDF)	

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	I/O Connectors
Series	74441
Application	Module-to-Board
Component Type	Receptacle
Overview	SFP &#47 SFP+ Host Connectors
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
Ports	1

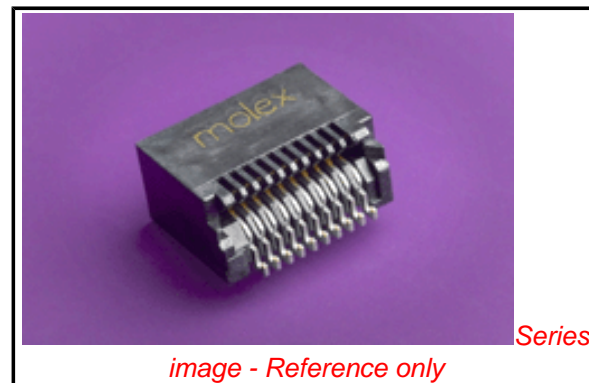


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Series

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Low-Halogen Status

Low-Halogen

China RoHS



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environmental compliance?**

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[74441Series](#)

Mates With

SFP Plus Modules

Use With

EMI Shield, [73927 SFP Cage](#), [86025 LC Duplex Cable Assembly](#), Guide Frame, [73939 HSSDC2 Cable Assembly](#)

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)	40
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Application Specification	AS-74441-001
Electrical Model Document	EE-74441-001
Product Specification	PS-74441-001
S-Parameter Model	SP-74441-001
Sales Drawing	SD-74441-004, SD-74441-008
Test Summary	TS-74441-0003, TS-74441-002, TS-74441-004, TS-74441-010

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