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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)

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-74441-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-70873-1201 (PDF)</a>
<a href="#">Product Specification PS-74441-001 (PDF)</a>	<a href="#">Test Summary TS-74441-0003 (PDF)</a>
<a href="#">Product Specification TS-74441-002-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification TS-74441-010-001 (PDF)</a>	

**Agency Certification**

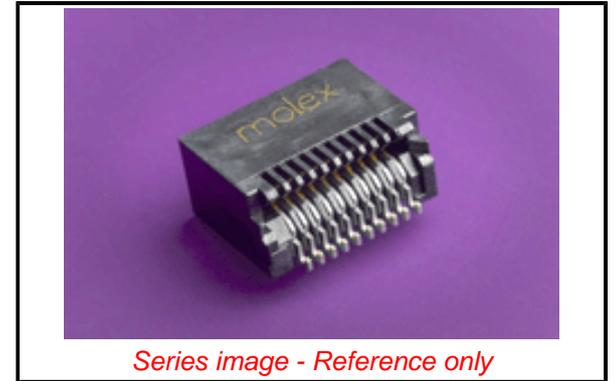
CSA	LR19980
UL	E29179

**General**

Product Family	I/O Connectors
Series	<u>74441</u>
Application	Module-to-Board
Component Type	Receptacle
Electrical Model	Yes
Overview	<u>SFP+ and SFP Interconnect Solutions</u>
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



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2017 (12  
January 2017)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto: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-free Process 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

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