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**Part Number:** [74441-0021](#)  
**Status:** **Active**  
**Description:** 0.80mm Pitch SFP, SFP Plus (SFP+) Host Connector, Z-Axis Pluggable, Right Angle, Surface Mount, 20 Circuits, 0.76µm Gold (Au) Plating Over Nickel (Ni), Lubricated, Solder Area Gold (Au) Flash Over Nickel (Ni)

**Documents:**

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family I/O Connectors  
 Series [74441](#)  
 Application Module-to-Board  
 Component Type Receptacle  
 Electrical Model Yes  
 Product Name Z-Axis Pluggable  
 Type N/A  
 UPC 756054596753

**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 Gold  
 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 0.051µm  
 Polarized to Mating Part Yes  
 Polarized to PCB No  
 Ports 1  
 Surface Mount Compatible (SMC) Yes  
 Temperature Range - Operating -40°C to +85°C  
 Termination Interface: Style Surface Mount

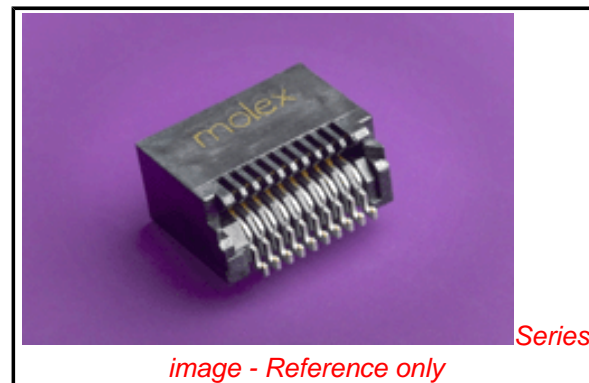


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Series

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Low-Halogen**

**China RoHS**



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

Email [productcompliance@molex.com](mailto: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 Modules

**Use With**

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

Waterproof / Dustproof	No
Wire Size AWG	N/A
<b>Electrical</b>	
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)	15
Lead-free Process Capability	SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260

#### **Material Info**

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