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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

Drawing (PDF)

RoHS Certificate of Compliance (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)

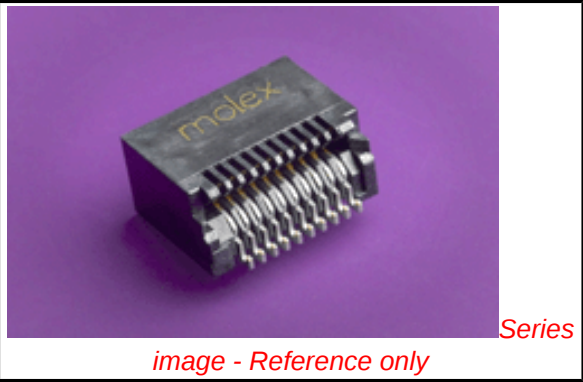
Yes

Temperature Range - Operating

-40°C to +85°C

Termination Interface: Style

Surface Mount



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen



Need more information on product 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 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
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)	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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