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Part Number:

0744410010

Status:

Active

Overview:

XFP Products

Description:

0.80mm Pitch SFP, SFP Plus (SFP+) Host Connector, Z-Axis Pluggable, Right Angle, Surface Mount, 20 Circuits, 0.76µm Gold (Au)

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	XFP Products
Product Name	SFP, SFP Plus
Type	N/A
UPC	800756382647

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	Yes
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



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
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 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)	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
Test Summary	TS-74441-0003