

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0744410003

Status:

Active

Overview:

XFP Products

Description:

0.80mm Pitch Xenpak, X2, XPAK Host Connector, Z-Axis Pluggable, Right-Angle, Surface Mount, 70 Circuits, 0.38µm Gold (Au)

Documents:

3D Model

Product Specification PS-74441-001-001 (PDF)

3D Model (PDF)

Packaging Specification PK-70873-1201-001 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

General

Product Family

I/O Connectors

Series

74441

Application

Module-to-Board

Component Type

Receptacle

Electrical Model

Yes

Overview

XFP Products

Product Name

Z-Axis Pluggable

Type

N/A

UPC

800756489803

Physical

Boot Color

N/A

Circuits (Loaded)

70

Circuits (maximum)

70

Circuits Detail

70

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

2.090/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

0.381µm

Plating min - Termination

2.540µm

Polarized to Mating Part

Yes

Polarized to PCB

No

Ports

1

Surface Mount Compatible (SMC)

Yes

Temperature Range - Operating

-40° to +85°C

Termination Interface: Style

Surface Mount



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per -

D(2021)4569-DC (8

July 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

74441 Series

Mates With

Xenpak, XPAK and X2 modules

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)	015
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Electrical Model Document	EE-74441-001-001
Packaging Specification	PK-70873-1201-001
Product Specification	PS-74441-001-001
S-Parameter Model	SP-74441-001-001
Sales Drawing	SD-74441-001-001

This document was generated on 09/13/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[74441-0003](#)