

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0744410017](#)
Status: **Active**
Overview: [XFP Products](#)
Description: 0.80mm Pitch XFP Host Connector, Z-Axis Pluggable, Right-Angle, Surface Mount, 30 Circuits, 0.76µm Gold (Au)
Replacement Part Number : <http://www.molex.com/molex/search/partSearch?pQuery=&sType=p&query=0744410007744410007>

Documents:

| | |
|--|--|
| 3D Model | Application Specification AS-74441-001-001 (PDF) |
| Drawing (PDF) | Packaging Specification PK-70873-1201-001 (PDF) |
| 3D Model (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-74441-001-001 (PDF) | |

Agency Certification

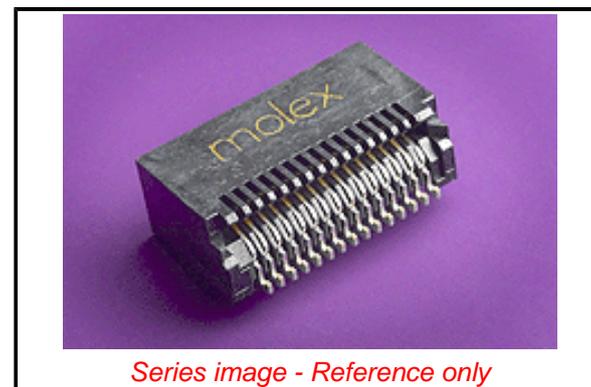
| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

General

| | |
|-------------------------|------------------------------|
| Product Family | I/O Connectors |
| Series | 74441 |
| Application | Module-to-Board |
| Component Type | Receptacle |
| Electrical Model | Yes |
| Overview | XFP Products |
| Product Name | Z-Axis Pluggable |
| Replacement Part Number | 744410007 |
| Type | N/A |
| UPC | 756054467039 |

Physical

| | |
|--------------------------------|--------------------------------|
| Boot Color | N/A |
| Circuits (Loaded) | 30 |
| Circuits (maximum) | 30 |
| Circuits Detail | 30 |
| 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 | 0.890/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 |



Series image - Reference only

EU ELV

Not Relevant

EU 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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[74441 Series](#)

Mates With

XFP Modules

| | |
|--------------------------------|---------------|
| Polarized to PCB | No |
| Ports | 1 |
| Surface Mount Compatible (SMC) | Yes |
| Temperature Range - Operating | -40° 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) | 015 |
| Lead-free Process Capability | SMC&WAVE |
| Max. Cycles at Max. Process Temperature | 001 |
| Process Temperature max. C | 260 |

Material Info**Reference - Drawing Numbers**

| | |
|---------------------------|-------------------|
| Application Specification | AS-74441-001-001 |
| 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 10/22/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION