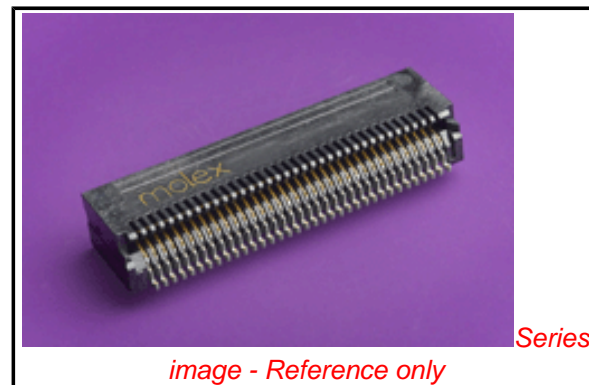


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Part Number: [74441-0003](#)
Status: **Active**
Overview: [XFP Products](#)
Description: 0.80mm Pitch Xenpak, X2, XPAK Host Connector, Z-Axis Pluggable, Right Angle, Surface Mount, 70 Circuits, 0.38µm Gold (Au)

Documents:

| | |
|--|--|
| 3D Model | Test Summary TS-74441-0003 (PDF) |
| Drawing (PDF) | Test Summary TS-74441-002 (PDF) |
| Product Specification PS-74441-001 (PDF) | Test Summary TS-74441-010 (PDF) |
| Application Specification AS-74441-002 (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 |

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
 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

Xenpak, XPAK and X2 modules

| | |
|-------------------------------|----------------|
| 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) | 15 |
| Lead-free Process Capability | SMC & Wave Capable (TH only) |
| Max. Cycles at Max. Process Temperature | 1 |
| Process Temperature max. C | 260 |

Material Info

Reference - Drawing Numbers

| | |
|---------------------------|---|
| Application Specification | AS-74441-002 |
| Electrical Model Document | EE-74441-001 |
| Product Specification | PS-74441-001 |
| S-Parameter Model | SP-74441-001 |
| Sales Drawing | SD-74441-001 |
| Test Summary | TS-74441-0003, TS-74441-002, TS-74441-010 |

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