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Part Number: [0744410007](#)
Status: **Active**
Overview: [XFP Connector](#)
Description: 0.80mm (.031") Pitch XFP Host Connector, Z-Axis Pluggable, Right Angle, SMT, 30 Circuits, 0.38µm (15µ") Gold (Au)

Documents:

[3D Model](#) [Product Specification PS-74441-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

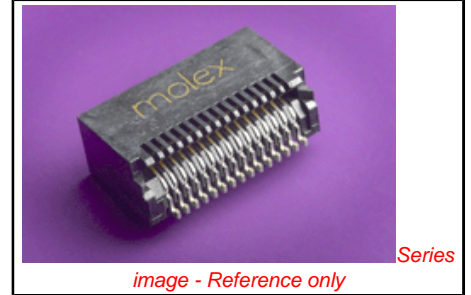
CSA LR19980
 UL E29179

General

Product Family I/O Connectors
 Series [74441](#)
 Application Module-to-Board
 Component Type Receptacle
 Overview [XFP Connector](#)
 Product Name Z-Axis Pluggable
 Type N/A

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
 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 (.031")
 Pitch - Termination Interface 0.80mm (.031")
 Plating min - Mating 0.381µm (15µ")
 Plating min - Termination 2.540µm (100µ")
 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
 Waterproof / Dustproof No
 Wire Size AWG N/A



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

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

[XFP Modules](#)

Electrical

Current - Maximum per Contact	0.5A
Grounding to Panel	Yes
Shielded	No
Voltage - Maximum	30V AC (RMS)/DC

Solder Process Data

Lead-free Process Capability	Reflow Capable (SMT only)
Process Temperature max. C	260

Material Info

Country of Origin	US
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Reference - Drawing Numbers

Application Specification	AS-74441-001
Packaging Specification	PK-70873-1201
Product Specification	PS-74441-001
Sales Drawing	SD-74441-001
Test Summary	TS-74441-002, TS-74441-004, TS-74441-010

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