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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	Application Specification AS-74441-002-001 (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

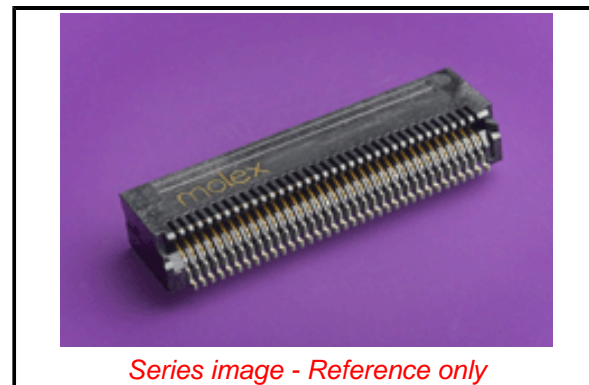
CSA LR19980

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



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

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)	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-74441-002-001
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

This document was generated on 07/26/2017

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