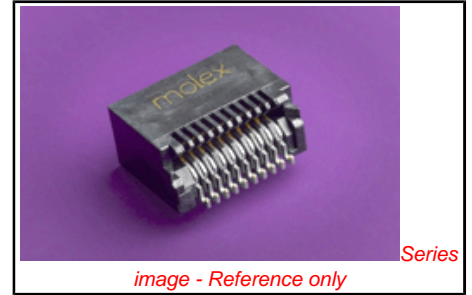


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Part Number: [0744415010](#)
Status: **Active**
Overview: XFP Connector
Description: 0.80mm (.031") Pitch SFP Plus (SFP+) Host Connector, Right Angle, SMT, 20 Circuits, 0.76µm (30µ") Gold (Au) Plating Over Nickel (Ni), Solder Area Tin (Sn) Over Nickel (Ni)

Documents:

3D Model	Test Summary TS-74441-002 (PDF)
Drawing (PDF)	Test Summary TS-74441-004 (PDF)
Product Specification PS-74441-001 (PDF)	Test Summary TS-74441-010 (PDF)
Application Specification AS-74441-001 (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	SFP Plus
Type	N/A

Physical

Boot Color	N/A
Circuits (Loaded)	20
Circuits (maximum)	20
Circuits Detail	20
Color - Resin	Black
Durability (mating cycles max)	200
Flammability	94V-0
Gender	Receptacle
Keying to Mating Part	None
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	0.762µm (30µ")
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

<p>EU RoHS ELV and RoHS Compliant REACH SVHC Not Reviewed Low-Halogen Status Low-Halogen</p>	<p>China RoHS</p>
<p>Need more information on product environmental compliance?</p> <p>Email productcompliance@molex.com For a multiple part number RoHS Certificate of Compliance, click here</p> <p>Please visit the Contact Us section for any non-product compliance questions.</p>	

<p>Search Parts in this Series 74441Series</p>
<p>Mates With</p>
<p>Use With EMI Shield, 73927 SFP Cage, 86025 LC Duplex Cable Assembly, Guide Frame, 73939 HSSDC2 Cable Assembly</p>

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) 40
Lead-free Process Capability Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature 3
Process Temperature max. C 260

Material Info

Reference - Drawing Numbers

Application Specification AS-74441-001
Product Specification PS-74441-001
Sales Drawing SD-74441-004, SD-74441-008
Test Summary TS-74441-002, TS-74441-004, TS-74441-010

This document was generated on 03/03/2011

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