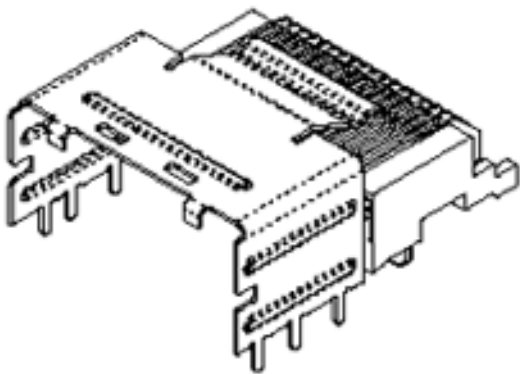




**Part Number :** [757830144](#)  
**Product Description :** iPass I/O Surface Mount Receptacle, Right-Angle, Internal Assembly with Shell, 36 Circuit, 0.76µm Gold (Au), Through Hole Option, Tail Length 2.79mm, Universal Key  
**Series Number :** 75783  
**Status :** Active  
**Product Category :** High-Speed Pluggable Connectors



## Documents & Resources

### Drawings

[Drawing 757830144\\_sd.pdf](#)  
[Packaging Design Drawing PK-75783-002-001.pdf](#)

### 3D Models and Design Files


[3D Model 757830144\\_stp.zip](#)  
[Electrical Model Document EE-75586-001-001.pdf](#)  
[S-Parameter Model SP-75586-001-001.zip](#)

### Specifications

[Application Specification AS-75783-001-001.pdf](#)  
[Product Specification PS-75783-001-001.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

[Multiple Part Product Compliance Statements](#)  
- Eu RoHS

- REACH SVHC

- Low-Halogen

#### Multiple Part Industry Compliance Documents

- IPC 1752A Class C

- IPC 1752A Class D

- Molex Product Compliance Declaration

- IEC-62474

- chemSHERPA (xml)

#### EU RoHS Certificate of Compliance

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## Part Details

### General

Status	Active
Category	High-Speed Pluggable Connectors
Series	75783
Description	iPass I/O Surface Mount Receptacle, Right-Angle, Internal Assembly with Shell, 36 Circuit, 0.76µm Gold (Au), Through Hole Option, Tail Length 2.79mm, Universal Key
Application	Wire-to-Board
Comments	Positive or passive latching cable available
Component Type	Receptacle
Product Family	iPass Connector System
Product Name	iPass,Mini Multi-Lane,PCI Express
Type	N/A
UPC	822350225526

### Agency

CSA	LR19980
UL	E29179

### Electrical

Current - Maximum per Contact	0.5A
Grounding to Panel	None
Voltage - Maximum	30V AC (RMS)/DC

## Physical

Circuits (Loaded)	36
Circuits (maximum)	36
Color - Resin	Black
Durability (mating cycles max)	250
Flammability	94V-0
Gender	Female
Keying to Mating Part	Yes
Lock to Mating Part	None
Material - Metal	Copper-Nickel-Zinc, High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	3.071/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
Panel Mount	No
PC Tail Length	2.79mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	2.36mm
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
Ports	1
Temperature Range - Operating	-40° to +80°C
Termination Interface Style	Surface Mount and Through Hole
Waterproof / Dustproof	No
Wire Insulation Diameter	N/A
Wire Size (AWG)	N/A

Solder Process Data

Max-Duration	20
Lead-Free Process Capability	REFLOW
Max-Cycle	1
Max-Temp	260

Use with Part(s)

Description	Part Number
iPass Cable Assemblies	<u>74573</u>
Internal iPass Mini SAS Double-Ended Plugs	<u>79576</u>