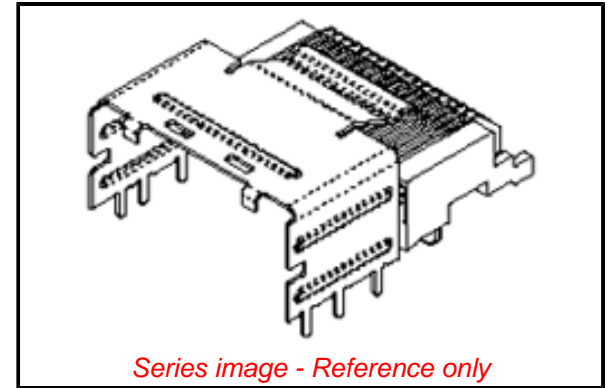


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0757830144**
Status: **Active**
Overview: iPass Connector System
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

Documents:

3D Model	Application Specification AS-75783-001-001 (PDF)
Drawing (PDF)	Packaging Specification PK-75783-002-001 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-75783-001-001 (PDF)	



Series image - Reference only

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	I/O Connectors
Series	75783
Application	Wire-to-Board
Comments	Positive or passive latching cable available
Component Type	Receptacle
Electrical Model	Yes
Overview	iPass Connector System
Product Name	iPass, Mini Multi-Lane, PCI Express
Taxonomy	High-Speed Pluggable Connector
Type	N/A
UPC	822350225526

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
PC Tail Length	2.79mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	2.36mm
Packaging Type	Embossed Tape on Reel
Panel Mount	No
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

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[75783](#) Series

Use With

iPass Cable Assemblies, [79575](#) , [79576](#) ,
[74562](#) , [74563](#) , [79536](#) , [74573](#) ,

Surface Mount Compatible (SMC)	Yes
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

Electrical

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

Solder Process Data

Duration at Max. Process Temperature (seconds)	020
Lead-free Process Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info**Reference - Drawing Numbers**

Application Specification	AS-75783-001-001
Electrical Model Document	EE-75586-001-001
Packaging Specification	PK-75783-002-001
Product Specification	PS-75783-001-001
S-Parameter Model	SP-75586-001-001
Sales Drawing	SD-75783-001-001

This document was generated on 10/28/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION