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Part Number: [0757840140](#)
Status: **Active**
Overview: iPass™ Connector System
Description: 0.80mm Pitch, iPass™ I/O Surface Mount Receptacle, Vertical, Internal Assembly with Shell, 36 Circuit, 0.38µm Gold (Au), Through Hole Option, Tail Length 2.79mm, Universal Key

Documents:

[3D Model](#) [Application Specification AS-75783-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-75783-001 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family I/O Connectors
 Series [75784](#)
 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*
 Type N/A
 UPC 822350355452

Physical

Circuits (Loaded) 36
 Circuits (maximum) 36
 Color - Resin Black
 Durability (mating cycles max) 50
 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 3.954/g
 Number of Rows 2
 Orientation Vertical
 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 0.381µm
 Plating min - Termination 2.540µm
 Polarized to Mating Part Yes
 Ports 1
 Surface Mount Compatible (SMC) Yes



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
 -ED/79/2015 (17
 December 2015)

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

ELV

Green Image

Not Relevant

Search Parts in this Series

[75784 Series](#)

Use With

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

Temperature Range - Operating	-40°C 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
Electrical Model Document	EE-75577-001
Product Specification	PS-75783-001
S-Parameter Model	SP-75577-001
Sales Drawing	SD-75784-001

*PCI Express is a registered trademark of PCI-SIG®.

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