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Part Number: [75784-0012](#)
Status: **Active**
Overview: [iPass™ Connector System](#)
Description: 0.80mm Pitch, iPass™ I/O SMT Receptacle, Vertical, Internal Assembly with Shell, 26 Circuit, 0.38μm Gold (Au), SMT Option, Tail Length 1.96mm, Dual Key

Documents:

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

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
Overview [iPass™ Connector System](#)
Product Name iPass™, PCI Express*, SAS, Serial ATA
Type N/A
UPC 822350092982

Physical

Circuits (Loaded) 26
Circuits (maximum) 26
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 3.366/g
Number of Rows 2
Orientation Vertical
PC Tail Length 1.96mm
PCB Locator Yes
PCB Retention Yes
PCB Thickness - Recommended 1.57mm
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
Temperature Range - Operating -40°C to +80°C



image - Reference only

Series

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen

China RoHS



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environmental compliance?**

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series

[75784Series](#)

Use With

iPass™ Cable Assemblies, [79575](#) , [79576](#)
, [74562](#) , [74563](#) , [79536](#) , [74573](#) , [74569](#) ,
[74586](#)

Termination Interface: Style	Surface Mount, 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)	20
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	1
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

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