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**Part Number:** [0757830252](#)  
**Status:** **Active**  
**Overview:** [iPass™ Connector System](#)  
**Description:** [iPass™ I/O Surface Mount Receptacle, Right Angle, Internal Assembly with Shell, 50 Circuit, 0.76µm Gold \(Au\), Through Hole Option, Tail Length 3.18mm, Universal Key](#)

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-75783-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-75783-002 (PDF)</a>
<a href="#">Product Specification PS-75783-001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

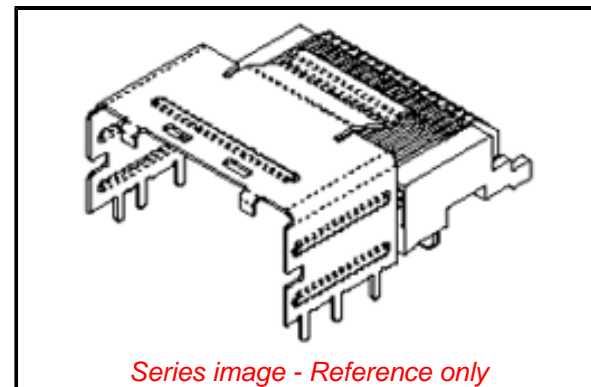
CSA	LR19980
UL	E29179

**General**

Product Family	I/O Connectors
Series	<a href="#">75783</a>
Application	Wire-to-Board
Comments	Positive or passive latching cable available
Component Type	Receptacle
Electrical Model	Yes
Overview	<a href="#">iPass™ Connector System</a>
Product Name	iPass™, Mini Multi-Lane, PCI Express*
Type	N/A
UPC	800756839769

**Physical**

Circuits (Loaded)	50
Circuits (maximum)	50
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	3.863/g
Number of Rows	2
Orientation	Right Angle
PC Tail Length	3.18mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	2.79mm
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
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +80°C



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/30/2017 (7 July  
2017)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[75783 Series](#)

**Use With**

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

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-75586-001
Packaging Specification	PK-75783-002
Product Specification	PS-75783-001-001
S-Parameter Model	SP-75586-001
Sales Drawing	SD-75783-001

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

This document was generated on 08/03/2017

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