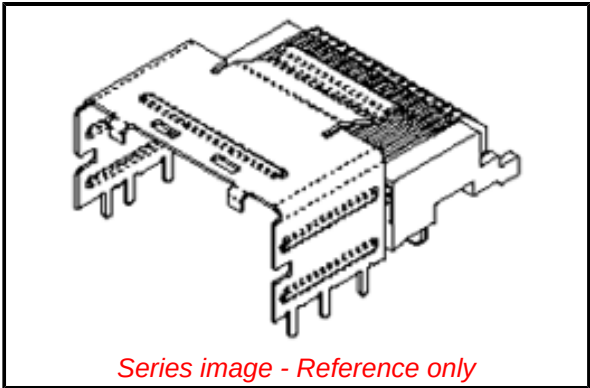


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Part Number: [0757830221](#)
Status: **Active**
Overview: [iPass™ Connector System](#)
Description: iPass™ I/O Surface Mount Receptacle, 0.80mm Pitch, Right Angle, Internal Assembly with Shell, 50 Circuit, 0.76µm Gold (Au), Retention-Fit Shell Option, Tail Length 1.96mm, Dual Key

Documents:
[3D Model](#) [Application Specification AS-75783-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [Packaging Specification PK-75783-002 \(PDF\)](#)
[Product Specification PS-75783-001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

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*
Type	N/A
UPC	822350092494
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	3.810/g
Number of Rows	2
Orientation	Right Angle
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	0.762µm
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 Not Reviewed REACH SVHC Not Reviewed Halogen-Free Status Not Reviewed	China RoHS
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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	Not Reviewed
ELV	Not Relevant
RoHS Phthalates	Not Reviewed

Search Parts in this Series
[75783](#) 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
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	
Lead-freeProcess Capability	REFLOW
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®.