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Part Number:	**75784-0212**
Status:	**Active**
Overview:	iPass™ Connector System
Description:	0.80mm Pitch, iPass™ I/O Surface Mount Receptacle, Vertical, Internal Assembly with Shell, 50 Circuit, 0.38µm Gold (Au), Surface Mount Option, Tail Length 1.96mm, Dual Key

Series
image - Reference only

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	822348853175

Physical
Circuits (Loaded)	50
Circuits (maximum)	50
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	4.943/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

Search Parts in this Series
75784Series

Use With
iPass™ Cable Assemblies, 79575 , 79576 , 74562 , 74563 , 79536 , 74573 , 74569 , 74586

Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +80°C
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

| Lead-free Process Capability | Reflow Capable (SMT only) |
| 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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