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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)	Packaging Specification PK-75784-001 (PDF)
Product Specification PS-75783-001-001 (PDF)	RoHS Certificate of Compliance (PDF)



Series image - Reference only

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

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2017 (12
January 2017)

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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

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
Packaging Specification	PK-75784-001
Product Specification	PS-75783-001-001
S-Parameter Model	SP-75577-001
Sales Drawing	SD-75784-001

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

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