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Part Number:

0757840233

Status:

Active

Overview:

iPass™ Connector System

Description:

0.80mm Pitch, iPass™ I/O Surface Mount Receptacle, Vertical, Internal Assembly with Shell, 50 Circuit, 0.76µm Gold (Au), Through Hole Option, Tail Length 1.96mm, Left Key

Documents:

3D Model

Drawing (PDF)

Product Specification PS-75783-001-001 (PDF)

Application Specification AS-75783-001 (PDF)

Packaging Specification PK-75784-001 (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
Electrical Model	Yes
Overview	iPass™ Connector System
Product Name	iPass™, Mini Multi-Lane, PCI Express*
Type	N/A
UPC	822350093378
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	4.994/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	0.762µm
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

Compliant

China RoHS

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

Lead-freeProcess Capability	REFLOW
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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