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Part Number:

0757840320

Status:

Active

Overview:

iPass™ Connector System

Description:

iPass™ I/O Surface Mount Receptacle, 0.80mm Pitch, Vertical, Internal Assembly with Shell, 68 Circuit, 0.76µm Gold (Au), Retention-Fit Shell Option, Tail Length 1.96mm, Right Key



Series image - Reference only

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)

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	822348853496
Physical	
Circuits (Loaded)	68
Circuits (maximum)	68
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	6.109/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

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
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®.