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Part Number:

0757840208

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), Retention Option, Tail Length 1.96mm, Right Key

Documents:

3D Model

Drawing (PDF)

Product Specification PS-75783-001 (PDF)

Application Specification AS-75783-001 (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

822348853137

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

4.941/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

Surface Mount Compatible (SMC)

Yes

Temperature Range - Operating

-40°C to +80°C



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Contains SVHC(2014 December 17): No

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

ELV

Green Image

Not Relevant

Search Parts in this Series

75784 Series

Use With

iPass™ Cable Assemblies, [79575](#) , [79576](#) , [74562](#) , [74563](#) , [79536](#) , [74573](#) ,

Termination Interface: Style	Surface Mount, Through Hole - Kinked Pin
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
Product Specification	PS-75783-001
S-Parameter Model	SP-75577-001
Sales Drawing	SD-75784-001

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