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Part Number:

0755860002

Status:

Active

Overview:

iPass Connector System

Description:

0.80mm Pitch, iPass I/O Surface Mount Receptacle, Right-Angle, External Application, 68 Circuit, 0.38μ Gold (Au)

Documents:

- 3D Model

Application Specification AS-75586-001-001 (PDF)
- 3D Model (PDF)

Packaging Specification PK-75586-002-001 (PDF)
- Drawing (PDF)

Packaging Specification PK-75586-101-001 (PDF)
- Product Specification PS-75586-001-001 (PDF)

RoHS Certificate of Compliance (PDF)
- Application Specification AS-170432-0003-001 (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

I/O Connectors

Series

75586

Application

Wire-to-Board

Component Type

Receptacle

Electrical Model

Yes

Overview

iPass Connector System

Product Name

iPass, Mini Multi-Lane, PCI Express

Taxonomy

High-Speed Pluggable Connector

Type

N/A

UPC

822348852468

Physical

Boot Color

N/A

Circuits (Loaded)

68

Circuits (maximum)

68

Color - Resin

Black

Durability (mating cycles max)

50

Flammability

94V-0

Gender

Female

Keying to Mating Part

None

Lock to Mating Part

None

Material - Metal

High Performance Alloy (HPA)

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Net Weight

1.614/g

Number of Rows

2

Orientation

Right Angle

PCB Locator

Yes

PCB Retention

None

PCB Thickness - Recommended

1.35mm

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

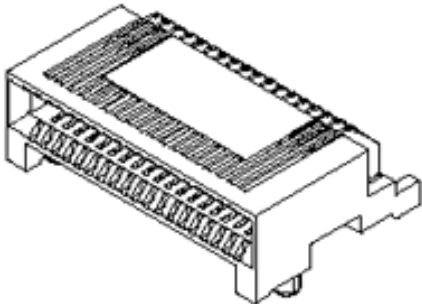
2.540μm

Polarized to Mating Part

Yes

Polarized to PCB

Yes



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

75586 Series

Mates With

74547 iPass Cable Assembly

Use With

74548 I/O Connectors

Ports	1
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° 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	N/A
Shielded	No
Voltage - Maximum	30V AC (RMS)/DC
Solder Process Data	
Duration at Max. Process Temperature (seconds)	020
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-170432-0003-001, AS-75586-001-001
Electrical Model Document	EE-75586-001-001
Packaging Specification	PK-75586-002-001, PK-75586-101-001
Product Specification	PS-75586-001-001
S-Parameter Model	SP-75586-001-001
Sales Drawing	SD-75586-001-001

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