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Part Number:

75586-0106

Status:

Active

Overview:

iPass™ Connector System

Description:

0.80mm Pitch, iPass™ I/O Surface Mount Receptacle, Right Angle, External Application, 68 Circuit, 0.76µm Gold (Au)

Documents:

3D Model

Drawing (PDF)

Product Specification PS-75586-001 (PDF)

Application Specification AS-75586-001 (PDF)

RoHS Certificate of Compliance (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™, PCI Express*, SAS

Type

N/A

UPC

884982560642

Physical

Boot Color

N/A

Circuits (Loaded)

68

Circuits (maximum)

68

Color - Resin

Black

Durability (mating cycles max)

250

Flammability

94V-0

Gender

Female

Keying to Mating Part

None

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

1.644/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

0.762µm

Plating min - Termination

2.540µm

Polarized to Mating Part

Yes

Polarized to PCB

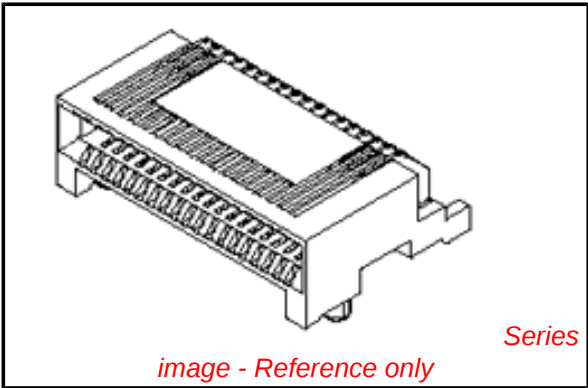
Yes

Ports

1

Surface Mount Compatible (SMC)

Yes



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

75586Series

Mates With

74547 iPass™ Cable Assembly

Use With

74548 I/O Connectors

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	N/A
Shielded	No
Voltage - Maximum	30V AC (RMS)/DC

Solder Process Data

Duration at Max. Process Temperature (seconds)	20
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Application Specification	AS-75586-001
Electrical Model Document	EE-75586-001
Product Specification	PS-75586-001
S-Parameter Model	SP-75586-001
Sales Drawing	SD-75586-005

This document was generated on 09/08/2014

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