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Part Number: [0755860002](#)
Status: **Active**
Overview: [ipass](#)
Description: 0.80mm (.031") Pitch, iPass™ I/O SMT Receptacle, Right Angle, External Application, 68 Circuit, 0.38μ (15μ") Gold (Au)

Documents:

[3D Model](#) [Application Specification AS-75586-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-75586-001 \(PDF\)](#)

Agency Certification

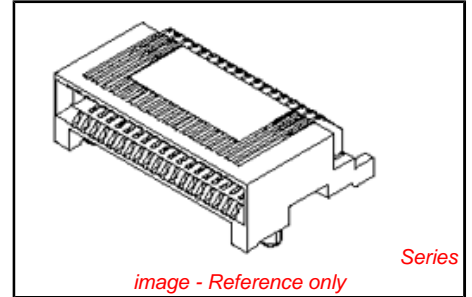
CSA LR19980

General

Product Family I/O Connectors
 Series [75586](#)
 Application Wire-to-Board
 Component Type Receptacle
 Overview [ipass](#)
 Product Name iPass™, PCI Express*, SAS
 Type N/A

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
 Number of Rows 2
 Orientation Right Angle
 PCB Locator Yes
 PCB Retention None
 PCB Thickness - Recommended 1.35mm (.053")
 Packaging Type Embossed Tape on Reel
 Panel Mount No
 Pitch - Mating Interface 0.80mm (.031")
 Pitch - Termination Interface 0.80mm (.031")
 Plating min - Mating 0.381μm (15μ")
 Plating min - Termination 2.540μm (100μ")
 Polarized to Mating Part Yes
 Polarized to PCB Yes
 Ports 1
 Surface Mount Compatible (SMC) Yes
 Temperature Range - Operating -40°C to +80°C
 Termination Interface: Style Surface Mount
 Waterproof / Dustproof No
 Wire Insulation Diameter N/A



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](#)

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

Lead-free Process Capability

Reflow Capable (SMT only)

Process Temperature max. C

260

Material Info

Reference - Drawing Numbers

Application Specification

AS-75586-001

Product Specification

PS-75586-001

Sales Drawing

SD-75586-001

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