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Part Number: [75586-0103](#)
Status: **Active**
Overview: [iPass™ Connector System](#)
Description: 0.80mm Pitch, iPass™ I/O SMT Receptacle, Right Angle, External Application, 38 Circuit, 0.38µm 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

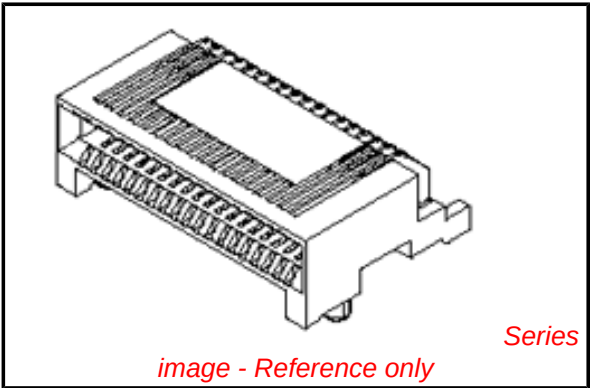
CSA LR19980
UL E29179

General

Product Family I/O Connectors
Series [75586](#)
Application Wire-to-Board
Component Type Receptacle
Overview [iPass™ Connector System](#)
Product Name iPass™, PCI Express*, SAS
Type N/A
UPC 800756907901

Physical

Boot Color N/A
Circuits (Loaded) 38
Circuits (maximum) 38
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 0.991/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
Ports 1
Surface Mount Compatible (SMC) Yes
Temperature Range - Operating -40°C to +80°C



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

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
Signal Integrity Report	SI-75586-0001

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