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Part Number: [75586-0010](#)
Status: **Active**
Overview: [iPass™](#)
Description: 0.80mm Pitch, iPass™ I/O SMT Receptacle, Right Angle, External Application, 38 Circuit, 0.38µm Gold (Au), Supports QSFP14 / FDR

Documents:

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

Agency Certification

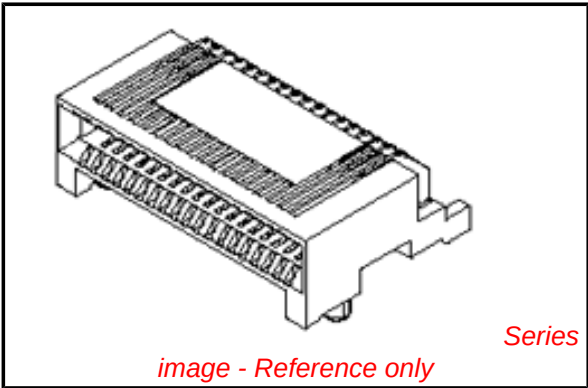
CSA LR19980

General

Product Family I/O Connectors
Series [75586](#)
Application Wire-to-Board
Comments QSFP14 / FDR
Component Type Receptacle
Overview [iPass™](#)
Product Name iPass™, PCI Express*, SAS
Type N/A

Physical

Boot Color N/A
Circuits (Loaded) 38
Circuits (maximum) 38
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
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
Termination Interface: Style Surface Mount
Waterproof / Dustproof No



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Reviewed



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 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	
UPC	822348852499
Reference - Drawing Numbers	
Application Specification	AS-75586-001
Product Specification	PS-75586-001
Sales Drawing	SD-75586-001

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