

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0757830019](#)
Status: **Active**
Overview: [iPass™](#)
Description: 0.80mm (.031") Pitch, iPass™ I/O SMT Receptacle, Right Angle, Internal Application, 26 Circuit, 0.76µm (30µ") Gold (Au), Retention Shell, Left Key

Documents:

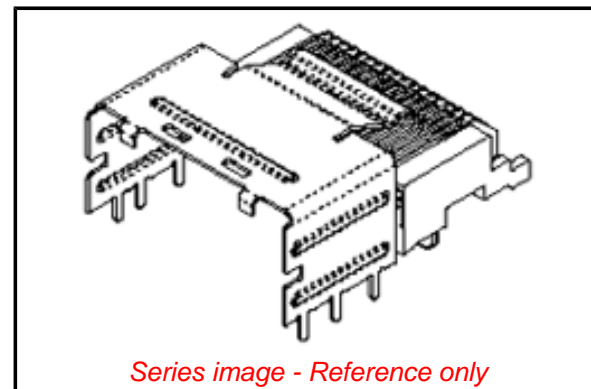
[Drawing \(PDF\)](#) [Product Specification PS-75783-001 \(PDF\)](#)
[Packaging Specification \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	I/O Connectors
Series	75783
Application	Wire-to-Board
Comments	Positive or passive latching cable available
Component Type	Receptacle
Overview	iPass™
Product Name	iPass™
Product Name	PCI Express*
Product Name	SAS
Product Name	Serial ATA
Type	N/A

Physical

Circuits (Loaded)	26
Circuits (maximum)	26
Color - Resin	Black
Durability (mating cycles max)	25
Flammability	94V-0
Keying to Mating Part	Yes
Lock to Mating Part	None
Material - Metal	Copper-Nickel-Zinc
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	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (in)	0.093 In
PCB Thickness Recommended (in)	0.125 In
PCB Thickness Recommended (in)	0.180 In
PCB Thickness Recommended (mm)	1.60 mm
PCB Thickness Recommended (mm)	2.40 mm
PCB Thickness Recommended (mm)	3.20 mm
PCB Thickness Recommended (mm)	4.60 mm
Packaging Type	Embossed Tape on Reel
Panel Mount	No
Pitch - Mating Interface (in)	0.031 In
Pitch - Mating Interface (mm)	0.80 mm
Plating min: Mating (µin)	30.4
Plating min: Mating (µm)	0.76
Plating min: Termination (µin)	101.6
Plating min: Termination (µm)	2.54
Polarized to Mating Part	Yes



Series image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Reviewed

China RoHS



**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[75783 Series](#)

Mates With

iPass™ Cable Assemblies, [79575](#) , [79576](#) , [74562](#) , [74563](#) , [79536](#) , [74573](#) , [74569](#) , [74586](#)

Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Surface Mount
Wire Insulation Diameter	N/A
Wire Size AWG	N/A

Electrical

CSA	LR19980
Current - Maximum	0.5A
Grounding to Panel	None
Shielded	No
UL	E29179
Voltage - Maximum	30V

Solder Process Data

Lead-free Process Capability	Reflow Capable (SMT only)
Process Temperature max. C	260

Material Info**Reference - Drawing Numbers**

Product Specification	PS-75783-001
Sales Drawing	SD-75783-001

This document was generated on 12/08/2009

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION