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Part Number: [75577-1004](#)
Status: **Active**
Overview: iPass™
Description: 0.80mm Pitch, iPass™ I/O SMT Receptacle, Vertical, Internal Application, 68 Circuit, 0.38µm Gold (Au)

Documents:

[Drawing \(PDF\)](#) [Test Summary TS-75783-001 \(PDF\)](#)
[Product Specification PS-75783-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Application Specification AS-75783-001 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family I/O Connectors
 Series [75577](#)
 Application Wire-to-Board
 Component Type Receptacle
 Overview [iPass™](#)
 Product Name [iPass+™](#)
 Type N/A
 UPC 822350757072

Physical

Circuits (Loaded) 68
 Circuits (maximum) 68
 Color - Resin Black
 Durability (mating cycles max) 25
 Flammability 94V-0
 Gender Receptacle
 Keying to Mating Part None
 Lock to Mating Part No
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 1.377/g
 Orientation Vertical
 PCB Retention Yes
 Packaging Type Embossed Tape on Reel
 Panel Mount Mounting Holes Between Circuit
 Pitch - Mating Interface 0.80mm
 Plating min - Mating 0.381µm
 Plating min - Termination 2.540µm
 Polarized to Mating Part No
 Surface Mount Compatible (SMC) Yes
 Temperature Range - Operating -40°C to +80°C
 Termination Interface: Style Surface Mount

Electrical

Current - Maximum per Contact 0.5A
 Voltage - Maximum 30V AC

Solder Process Data

Duration at Max. Process Temperature (seconds) 15
 Lead-free Process Capability SMC & Wave Capable (TH only)

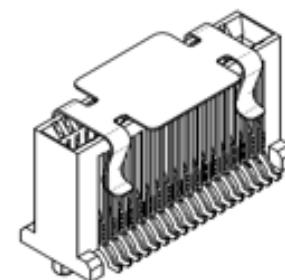


image - Reference only

Series

EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Low-Halogen Status Low-Halogen

China RoHS



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

[75577Series](#)

Mates With

Internal Cable Series [79575](#) , [74563](#) , [79576](#) , [74573](#) , [79536](#) , [74562](#) , [74569](#) , [74586](#)

Use With

iPass Vertical Shell Internal Cable, [76010](#)

Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Application Specification	AS-75783-001
Electrical Model Document	EE-75577-001
Product Specification	PS-75783-001
S-Parameter Model	SP-75577-001
Sales Drawing	SD-75577-002
Test Summary	TS-75783-001

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