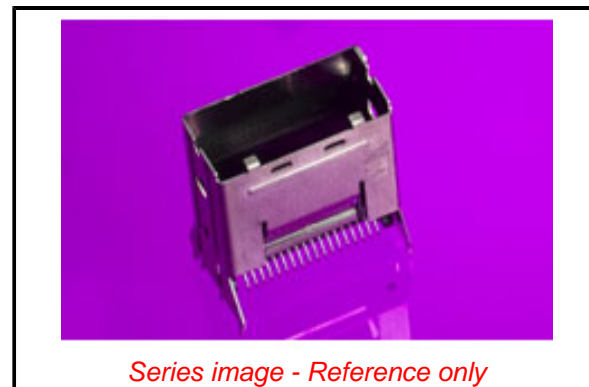


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0757840125**
Status: **Active**
Overview: iPass Connector System
Description: iPass I/O Surface Mount Receptacle, 0.80mm Pitch, Vertical, Internal Assembly with Shell, 36 Circuit, 0.38µm Gold (Au), Retention-Fit Shell Option, Tail Length 1.96mm, Universal Key

Documents:

| | |
|--|--|
| 3D Model | Application Specification AS-75783-001 (PDF) |
| Drawing (PDF) | Packaging Specification PK-75784-001 (PDF) |
| Product Specification PS-75783-001-001 (PDF) | RoHS Certificate of Compliance (PDF) |



Series image - Reference only

Agency Certification

| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

General

| | |
|------------------|--|
| Product Family | I/O Connectors |
| Series | <u>75784</u> |
| Application | Wire-to-Board |
| Comments | Positive or passive latching cable available |
| Component Type | Receptacle |
| Electrical Model | Yes |
| Overview | <u>iPass Connector System</u> |
| Product Name | iPass, Mini Multi-Lane, PCI Express |
| Type | N/A |
| UPC | 822350093170 |

Physical

| | |
|--------------------------------|--|
| Circuits (Loaded) | 36 |
| Circuits (maximum) | 36 |
| Color - Resin | Black |
| Durability (mating cycles max) | 50 |
| Flammability | 94V-0 |
| Gender | Female |
| Keying to Mating Part | Yes |
| 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 | 3.955/g |
| Number of Rows | 2 |
| Orientation | Vertical |
| PC Tail Length | 1.96mm |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.57mm |
| 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 |
| Ports | 1 |
| Surface Mount Compatible (SMC) | Yes |

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/61/2018 (27 June 2018)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

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

| | |
|-----------------|---------------|
| China ROHS | Green Image |
| ELV | Not Relevant |
| RoHS Phthalates | Not Contained |

Search Parts in this Series

75784 Series

Use With

iPass Cable Assemblies, 79575 , 79576 , 74562 , 74563 , 79536 , 74573 ,

| | |
|-------------------------------|---------------|
| Temperature Range - Operating | -40° to +80°C |
| 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 | None |
| Voltage - Maximum | 30V AC (RMS)/DC |

Solder Process Data

| | |
|--|--------|
| Duration at Max. Process Temperature (seconds) | 020 |
| Lead-free Process Capability | REFLOW |
| Max. Cycles at Max. Process Temperature | 001 |
| Process Temperature max. C | 260 |

Material Info**Reference - Drawing Numbers**

| | |
|---------------------------|------------------|
| Application Specification | AS-75783-001 |
| Electrical Model Document | EE-75577-001 |
| Packaging Specification | PK-75784-001 |
| Product Specification | PS-75783-001-001 |
| S-Parameter Model | SP-75577-001 |
| Sales Drawing | SD-75784-001 |

This document was generated on 08/22/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION