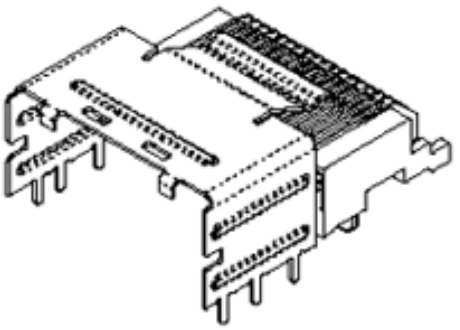
This document was generated on 11/30/2017

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** 0757830239
**Status:** Active
**Overview:** iPass™ Connector System
**Description:** iPass I/O Surface Mount Receptacle, Right Angle, Internal Assembly with Shell, 50 Circuit, 0.38µm Gold (Au), Through Hole Option, Tail Length 2.79mm, Dual Key



*Series image - Reference only*

**Documents:**

- 3D Model
- Drawing (PDF)
- Product Specification PS-75783-001-001 (PDF)
- Application Specification AS-75783-001 (PDF)
- Packaging Specification PK-75783-002 (PDF)
- RoHS Certificate of Compliance (PDF)

**Agency Certification**

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

**General**

| | |
|---|---|
| Product Family | I/O Connectors |
| Series | 75783 |
| Application | Wire-to-Board |
| Comments | Positive or passive latching cable available |
| Component Type | Receptacle |
| Electrical Model | Yes |
| Overview | iPass™ Connector System |
| Product Name | iPass, Mini Multi-Lane, PCI Express |
| Type | N/A |
| UPC | 822350838030 |

**Physical**

| | |
|---|---|
| Circuits (Loaded) | 50 |
| Circuits (maximum) | 50 |
| 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 | 3.816/g |
| Number of Rows | 2 |
| Orientation | Right Angle |
| PC Tail Length | 2.79mm |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 2.36mm |
| 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 |
| Temperature Range - Operating | -40°C to +80°C |

**EU ELV**
**Not Relevant**

**EU RoHS** **China RoHS**
**Compliant**

**REACH SVHC**
Not Contained Per - ED/30/2017 (7 July 2017)

**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**
75783 Series

**Use With**
iPass Cable Assemblies, 79575 , 79576 , 74562 , 74563 , 79536 , 74573 ,

| | |
|---|---|
| Termination Interface: Style | Surface Mount and Through Hole |
| 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) | 040 |
| Lead-freeProcess 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-75586-001 |
| Packaging Specification | PK-75783-002 |
| Product Specification | PS-75783-001-001 |
| S-Parameter Model | SP-75586-001 |
| Sales Drawing | SD-75783-001 |