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**Part Number:** [0757840137](#)  
**Status:** **Active**  
**Overview:** [iPass Connector System](#)  
**Description:** 0.80mm Pitch, iPass I/O Surface Mount Receptacle, Vertical, Internal Assembly with Shell, 36 Circuit, 0.38µm Gold (Au), Through Hole Option, Tail Length 2.79mm, Left Key

**Documents:**

|                                                              |                                                                |
|--------------------------------------------------------------|----------------------------------------------------------------|
| <a href="#">3D Model</a>                                     | <a href="#">Application Specification AS-75783-001 (PDF)</a>   |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Packaging Specification PK-75784-001-001 (PDF)</a> |
| <a href="#">3D Model (PDF)</a>                               | <a href="#">RoHS Certificate of Compliance (PDF)</a>           |
| <a href="#">Product Specification PS-75783-001-001 (PDF)</a> |                                                                |

**Agency Certification**

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

**General**

|                  |                                              |
|------------------|----------------------------------------------|
| Product Family   | I/O Connectors                               |
| Series           | <a href="#">75784</a>                        |
| Application      | Wire-to-Board                                |
| Comments         | Positive or passive latching cable available |
| Component Type   | Receptacle                                   |
| Electrical Model | Yes                                          |
| Overview         | <a href="#">iPass Connector System</a>       |
| Product Name     | iPass, Mini Multi-Lane, PCI Express          |
| Type             | N/A                                          |
| UPC              | 822350355476                                 |

**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                     | 3.969/g                                          |
| Number of Rows                 | 2                                                |
| Orientation                    | Vertical                                         |
| 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                                                |



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ECHA\_01\_2020 (16  
January 2020

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

|                 |               |
|-----------------|---------------|
| 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](#) ,

|                                |                                |
|--------------------------------|--------------------------------|
| Surface Mount Compatible (SMC) | Yes                            |
| Temperature Range - Operating  | -40° to +80°C                  |
| 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) | 020    |
| 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-75577-001     |
| Packaging Specification   | PK-75784-001-001 |
| Product Specification     | PS-75783-001-001 |
| S-Parameter Model         | SP-75577-001     |
| Sales Drawing             | SD-75784-001     |

This document was generated on 04/07/2020

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