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Part Number:

0757840207

Status:

Active

Overview:

[iPass Connector System](#)

Description:

iPass I/O Surface Mount Receptacle, 0.80mm Pitch, Vertical, Internal Assembly with Shell, 50 Circuit, 0.38µm Gold (Au), Retention-Fit Shell Option, Tail Length 1.96mm, Left Key

Documents:

[3D Model](#)

[3D Model \(PDF\)](#)

[Drawing \(PDF\)](#)

[Product Specification PS-75783-001-001 \(PDF\)](#)

[Application Specification AS-75783-001 \(PDF\)](#)

[Packaging Specification PK-75784-001-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

|                                |                                                                                            |
|--------------------------------|--------------------------------------------------------------------------------------------|
| <b>Agency Certification</b>    |                                                                                            |
| CSA                            | LR19980                                                                                    |
| UL                             | E29179                                                                                     |
| <b>General</b>                 |                                                                                            |
| Product Family                 | I/O Connectors                                                                             |
| Series                         | <a href="#">75784</a>                                                                      |
| Application                    | Wire-to-Board                                                                              |
| Comments                       | Positive or passive latching cable available, 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                            | 822348853120                                                                               |
| <b>Physical</b>                |                                                                                            |
| 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                     | 4.941/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                                                                                        |



Series image - Reference only

|                                                               |                   |
|---------------------------------------------------------------|-------------------|
| <b>EU ELV</b>                                                 |                   |
| Not Relevant                                                  |                   |
| <b>EU RoHS</b>                                                | <b>China RoHS</b> |
| Not Reviewed                                                  |                   |
| <b>REACH SVHC</b>                                             |                   |
| Not Contained Per                                             |                   |
| -ED/01/2018 (15                                               |                   |
| January 2018)                                                 |                   |
| <b>Halogen-Free</b>                                           |                   |
| <b>Status</b>                                                 |                   |
| Low-Halogen                                                   |                   |
| For more information, please visit <a href="#">Contact US</a> |                   |
| 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](#) ,

|                                    |                  |
|------------------------------------|------------------|
| Ports                              | 1                |
| Surface Mount Compatible (SMC)     | Yes              |
| 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              |
| <b>Electrical</b>                  |                  |
| Current - Maximum per Contact      | 0.5A             |
| Grounding to Panel                 | None             |
| Voltage - Maximum                  | 30V AC (RMS)/DC  |
| <b>Solder Process Data</b>         |                  |
| Lead-freeProcess Capability        | REFLOW           |
| Process Temperature max. C         | 260              |
| <b>Material Info</b>               |                  |
| <b>Reference - Drawing Numbers</b> |                  |
| 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     |

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