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Part Number:

0757840340

Status:

Active

Overview:

iPass Connector System

Description:

0.80mm Pitch, iPass I/O Surface Mount Receptacle, Vertical, Internal Assembly with Shell, 68 Circuit, 0.38µm Gold (Au), Through Hole Option, Tail Length 2.79mm, Universal Key

Documents:

3D Model

3D Model (PDF)

Drawing (PDF)

Product Specification PS-75783-001-001 (PDF)

Application Specification AS-75783-001-001 (PDF)

Packaging Specification PK-75784-001-001 (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                                                  |
|--------------------------------|--------------------------------------------------|
| Agency Certification           |                                                  |
| CSA                            | LR19980                                          |
| UL                             | E29179                                           |
| General                        |                                                  |
| Product Family                 | I/O Connectors                                   |
| Series                         | 75784                                            |
| 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              |
| Taxonomy                       | High-Speed Pluggable Connector                   |
| Type                           | N/A                                              |
| UPC                            | 800756842356                                     |
| Physical                       |                                                  |
| Circuits (Loaded)              | 68                                               |
| Circuits (maximum)             | 68                                               |
| 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                     | 6.046/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                                              |



Series image - Reference only

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per -ED/01/2018 (15 January 2018)               |               |
| Halogen-Free                                                  |               |
| Status                                                        |               |
| 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 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-75783-001-001 |
| Electrical Model Document | EE-75577-001-001 |
| Packaging Specification   | PK-75784-001-001 |
| Product Specification     | PS-75783-001-001 |
| S-Parameter Model         | SP-75577-001-001 |
| Sales Drawing             | SD-75784-001-001 |

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