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Part Number:

0757840252

Status:

Active

Overview:

iPass™ Connector System

Description:

0.80mm Pitch, iPass™ I/O Surface Mount Receptacle, Vertical, Internal Assembly with Shell, 50 Circuit, 0.76µm Gold (Au), Through Hole Option, Tail Length 3.18mm, Universal Key

Documents:

3D Model

Drawing (PDF)

Product Specification PS-75783-001 (PDF)

Application Specification AS-75783-001 (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*        |
| Type             | N/A                                          |
| UPC              | 800756842318                                 |

Physical

|                                |                                                  |
|--------------------------------|--------------------------------------------------|
| Circuits (Loaded)              | 50                                               |
| Circuits (maximum)             | 50                                               |
| Color - Resin                  | Black                                            |
| Durability (mating cycles max) | 250                                              |
| 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                     | 4.999/g                                          |
| Number of Rows                 | 2                                                |
| Orientation                    | Vertical                                         |
| PC Tail Length                 | 3.18mm                                           |
| PCB Locator                    | Yes                                              |
| PCB Retention                  | Yes                                              |
| PCB Thickness - Recommended    | 2.79mm                                           |
| Packaging Type                 | Embossed Tape on Reel                            |
| Panel Mount                    | No                                               |
| Pitch - Mating Interface       | 0.80mm                                           |
| Pitch - Termination Interface  | 0.80mm                                           |
| Plating min - Mating           | 0.762µm                                          |
| Plating min - Termination      | 2.540µm                                          |
| Polarized to Mating Part       | Yes                                              |
| Ports                          | 1                                                |
| Surface Mount Compatible (SMC) | Yes                                              |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contains SVHC(2014 December 17): No

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

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

China ROHS

ELV

Green Image

Not Relevant

Search Parts in this Series

75784 Series

Use With

iPass™ Cable Assemblies, [79575](#) , [79576](#) , [74562](#) , [74563](#) , [79536](#) , [74573](#) ,

|                                    |                             |
|------------------------------------|-----------------------------|
| Temperature Range - Operating      | -40°C to +80°C              |
| Termination Interface: Style       | Surface Mount, Through Hole |
| 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>Material Info</b>               |                             |
| <b>Reference - Drawing Numbers</b> |                             |
| Application Specification          | AS-75783-001                |
| Electrical Model Document          | EE-75577-001                |
| Product Specification              | PS-75783-001                |
| S-Parameter Model                  | SP-75577-001                |
| Sales Drawing                      | SD-75784-001                |

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