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Part Number:

0757830109

Status:

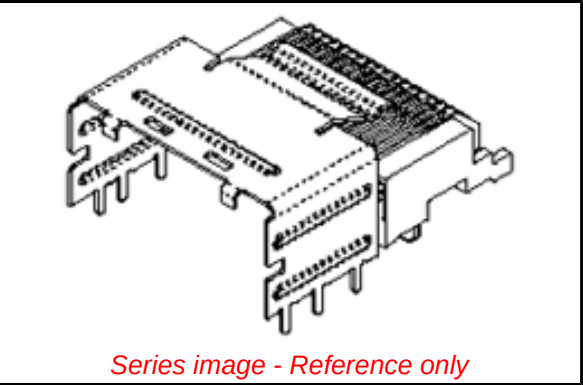
Active

Overview:

iPass™ Connector System

Description:

iPass™ I/O Surface Mount Receptacle, 0.80mm Pitch, Right Angle, Internal Assembly with Shell, 36 Circuit, 0.38µm Gold (Au), Retention-Fit Shell Option, Tail Length 1.96mm, Dual Key



Documents:

3D Model

Drawing (PDF)

Product Specification PS-75783-001-001 (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                            | 822348852697                                     |
| 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                     | 3.019/g                                          |
| Number of Rows                 | 2                                                |
| Orientation                    | Right Angle                                      |
| 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                                              |
| Ports                          | 1                                                |
| Surface Mount Compatible (SMC) | Yes                                              |

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per

-ED/01/2017 (12

January 2017)

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      | 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 ,

|                                                |                  |
|------------------------------------------------|------------------|
| Temperature Range - Operating                  | -40°C 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>                     |                  |
| Duration at Max. Process Temperature (seconds) | 020              |
| Lead-freeProcess Capability                    | REFLOW           |
| Max. Cycles at Max. Process Temperature        | 001              |
| Process Temperature max. C                     | 260              |
| <b>Material Info</b>                           |                  |
| <b>Reference - Drawing Numbers</b>             |                  |
| 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     |

\*PCI Express is a registered trademark of PCI-SIG®.

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