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Part Number:

0755860106

Status:

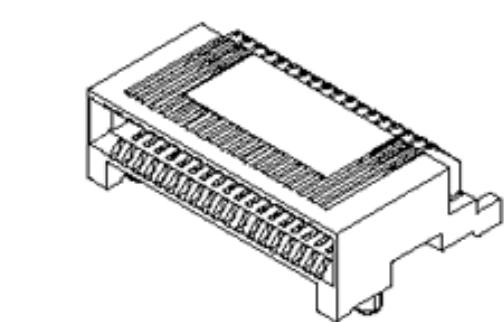
Active

Overview:

iPass™ Connector System

Description:

0.80mm Pitch, iPass™ I/O Surface Mount Receptacle, Right Angle, External Application, 68 Circuit, 0.76µm Gold (Au), Solder Ring



Series image - Reference only

- Documents:
- 3D Model

Drawing (PDF)

Product Specification PS-75586-001 (PDF)

Application Specification AS-75586-001 (PDF)

Packaging Specification PK-75586-002 (PDF)

Packaging Specification PK-75586-101 (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                                                  |
|--------------------------------|--------------------------------------------------|
| Agency Certification           |                                                  |
| CSA                            | LR19980                                          |
| UL                             | E29179                                           |
| General                        |                                                  |
| Product Family                 | I/O Connectors                                   |
| Series                         | 75586                                            |
| Application                    | Wire-to-Board                                    |
| Component Type                 | Receptacle                                       |
| Electrical Model               | Yes                                              |
| Overview                       | iPass™ Connector System                          |
| Product Name                   | iPass™, Mini Multi-Lane, PCI Express*            |
| Type                           | N/A                                              |
| UPC                            | 884982560642                                     |
| Physical                       |                                                  |
| Boot Color                     | N/A                                              |
| Circuits (Loaded)              | 68                                               |
| Circuits (maximum)             | 68                                               |
| Color - Resin                  | Black                                            |
| Durability (mating cycles max) | 250                                              |
| Flammability                   | 94V-0                                            |
| Gender                         | Female                                           |
| Keying to Mating Part          | None                                             |
| 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                     | 1.644/g                                          |
| Number of Rows                 | 2                                                |
| Orientation                    | Right Angle                                      |
| PCB Locator                    | Yes                                              |
| PCB Retention                  | None                                             |
| PCB Thickness - Recommended    | 1.35mm                                           |
| 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                                              |
| Polarized to PCB               | Yes                                              |
| Ports                          | 1                                                |
| Surface Mount Compatible (SMC) | Yes                                              |

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -ED/79/2015 (17 December 2015)

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

Search Parts in this Series

75586 Series

Mates With

74547 iPass™ Cable Assembly

Use With

74548 I/O Connectors

|                               |                |
|-------------------------------|----------------|
| 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            |

**Electrical**

|                               |                 |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 0.5A            |
| Grounding to Panel            | N/A             |
| Shielded                      | No              |
| 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-75586-001               |
| Electrical Model Document | EE-75586-001               |
| Packaging Specification   | PK-75586-002, PK-75586-101 |
| Product Specification     | PS-75586-001               |
| S-Parameter Model         | SP-75586-001               |
| Sales Drawing             | SD-75586-005               |

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