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Part Number:

0755860007

Status:

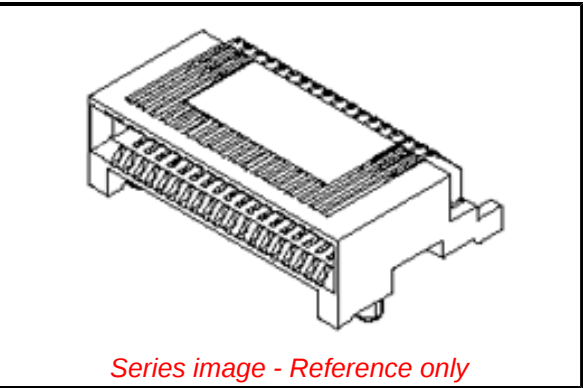
Active

Overview:

iPass Connector System

Description:

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



Series image - Reference only

|                                                                |                                                                  |
|----------------------------------------------------------------|------------------------------------------------------------------|
| Documents:                                                     |                                                                  |
| <a href="#">3D Model</a>                                       | <a href="#">Application Specification AS-75586-001-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                  | <a href="#">Packaging Specification PK-75586-002 (PDF)</a>       |
| <a href="#">Product Specification PS-75586-001-001 (PDF)</a>   | <a href="#">Packaging Specification PK-75586-101 (PDF)</a>       |
| <a href="#">Application Specification AS-170432-0003 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |

|                                |                                     |
|--------------------------------|-------------------------------------|
| 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                            | 822348849550                        |
| 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               | High Performance Alloy (HPA)        |
| Material - Plating Mating      | Gold                                |
| Material - Plating Termination | Tin                                 |
| Material - Resin               | High Temperature Thermoplastic      |
| Net Weight                     | 1.611/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                                                                                       | China RoHS    |
| Compliant                                                                                     |               |
| REACH SVHC                                                                                    |               |
| Not Contained Per - ED/61/2018 (27 June 2018)                                                 |               |
| Halogen-Free                                                                                  |               |
| Status                                                                                        |               |
| Low-Halogen                                                                                   |               |
| Need more information on product environmental compliance?                                    |               |
| Email <a href="mailto:productcompliance@molex.com">productcompliance@molex.com</a>            |               |
| Please visit the <a href="#">Contact Us</a> section for any non-product compliance questions. |               |
| China ROHS                                                                                    | Green Image   |
| ELV                                                                                           | Not Relevant  |
| RoHS Phthalates                                                                               | Not Contained |

Search Parts in this Series

75586 Series

Mates With

74547 iPass Cable Assembly

Use With

74548 I/O Connectors

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

**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-170432-0003, AS-75586-001-001 |
| Electrical Model Document | EE-75586-001                     |
| Packaging Specification   | PK-75586-002, PK-75586-101       |
| Product Specification     | PS-75586-001-001                 |
| S-Parameter Model         | SP-75586-001                     |
| Sales Drawing             | SD-75586-001                     |

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