

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0757830160

Status:

Active

Overview:

Description:

iPass I/O Surface Mount Receptacle, Right-Angle, Internal Assembly with Shell, 36 Circuit, 0.76µm Gold (Au), Through Hole Option, Tail Length 3.56mm, Universal Key

|                                |                                                  |
|--------------------------------|--------------------------------------------------|
| 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                                            |
| Product Name                   | iPass, Mini Multi-Lane, PCI Express              |
| Type                           | N/A                                              |
| UPC                            | 822350353571                                     |
| Physical                       |                                                  |
| Circuits (Loaded)              | 36                                               |
| Circuits (maximum)             | 36                                               |
| 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                     | 3.084/g                                          |
| Number of Rows                 | 2                                                |
| Orientation                    | Right Angle                                      |
| PC Tail Length                 | 3.56mm                                           |
| PCB Locator                    | Yes                                              |
| PCB Retention                  | Yes                                              |
| PCB Thickness - Recommended    | 3.18mm                                           |
| 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                                              |
| 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                     |                                                  |

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per - D(2021)4569-DC (8 July 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

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](#) ,

|                               |                 |
|-------------------------------|-----------------|
| 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**

|                           |                  |
|---------------------------|------------------|
| Electrical Model Document | EE-75586-001-001 |
| Packaging Specification   | PK-75783-002-001 |
| Product Specification     | PS-75783-001-001 |
| S-Parameter Model         | SP-75586-001-001 |
| Sales Drawing             | SD-75783-001-001 |

This document was generated on 09/13/2021

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[75783-0160](#)