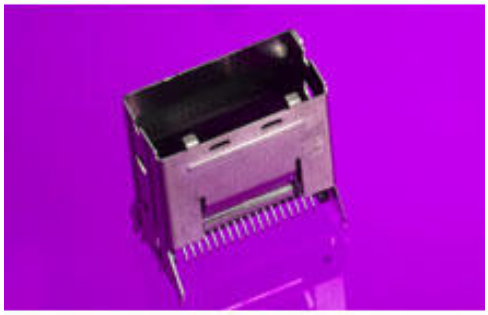
molex



**Part Number :** 757840348
**Product Description :** 0.80mm Pitch, iPass I/O Surface Mount Receptacle, Vertical, Internal Assembly with Shell, 68 Circuit, 0.38µm Gold (Au), Through Hole Option, Tail Length 3.18mm, Universal Key
**Series Number :** 75784
**Status :** Obsolete
**Product Category :** High-Speed I/O Connectors

Obsolete

## Documents and Resources

### Drawings

757840348_sd.pdf

PK-75784-001-001.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

EE-75577-001-001.pdf

SP-75577-001-001.zip

### Specifications

AS-75783-001-001.pdf

PS-75783-001-001.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)4165-DC (25 June 2025) |
| EU RoHS | Compliant per EU 2015/863 |

Downloaded from Arrow.com.

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

---

## Part Details

### General

| | |
|---|---|
| Status | Obsolete |
| Category | High-Speed I/O Connectors |
| Series | 75784 |
| Description | 0.80mm Pitch, iPass I/O Surface Mount Receptacle, Vertical, Internal Assembly with Shell, 68 Circuit, 0.38µm Gold (Au), Through Hole Option, Tail Length 3.18mm, Universal Key |
| Application | Wire-to-Board |
| Comments | Positive or passive latching cable available |
| Component Type | Receptacle |
| Product Name | iPass,Mini Multi-Lane,PCI Express |
| Type | Pluggable |
| UPC | 800756842431 |

### Agency

| | |
|---|---|
| CSA | LR19980 |
| UL | E29179 |

Obsolete

Downloaded from Arrow.com.

## Electrical

| | |
|---|---|
| Current - Maximum per Contact | 0.5A |
| Grounding to Panel | None |
| Voltage - Maximum | 30V AC (RMS)/DC |

## Physical

| | |
|---|---|
| Circuits (Loaded) | 68 |
| Circuits (maximum) | 68 |
| Color - Resin | Black |
| Durability (mating cycles max) | 50 |
| Flammability | 94V-0 |
| Gender | Female |
| Keying to Mating Part | Yes |
| Lock to Mating Part | No |
| Material - Metal | Copper-Nickel-Zinc, High Performance Alloy (HPA) |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 6.049/g |
| Number of Rows | 2 |
| Orientation | Vertical |
| Packaging Type | Embossed Tape on Reel |
| Panel Mount | No |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 2.79mm |
| PC Tail Length | 3.18mm |
| 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 |
| Temperature Range - Operating | -40° to +80°C |

Obsolete

Downloaded from Arrow.com.

| | |
|---|---|
| Termination Interface Style | Surface Mount and Through Hole |
| Waterproof / Dustproof | No |
| Wire Insulation Diameter | N/A |
| Wire Size (AWG) | N/A |

### Solder Process Data

| | |
|---|---|
| Max-Duration | 20 |
| Lead-Free Process Capability | REFLOW |
| Max-Cycle | 1 |
| Max-Temp | 260 |

## Mates With / Use With

### Use with Part(s)

| Description | Part Number |
|---|---|
| iPass Cable Assemblies | 74573 |
| Internal iPass Mini SAS Double-Ended Plugs | 79576 |



Obsolete

Downloaded from Arrow.com.