**Part Number :** 1724660100
**Product Description :** iPass+ zHD Vertical Internal Connector Assembly, 1x1, Surface Mount, 0.76µm Gold (Au) Plating
**Series Number :** 172466
**Status :** Active
**Product Category :** High-Speed I/O Connectors



## Documents and Resources

### Drawings

1724660100_sd.pdf

PK-172466-9001-000.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

EE-172466_0100-001.pdf

SP-172466-0100-001.zip

### Specifications

AS-172466-002-001.pdf

PS-172466-001-001.pdf

TS-172466-0100-001.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)6375-DC (05 Nov 2025) SCIP:b3ceeec2-a259-4b5b-b787-e30b459e3014 |

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| | |
|---|---|
| EU RoHS | Compliant per EU 2015/863 |

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

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | High-Speed I/O Connectors |
| Series | 172466 |
| Description | iPass+ zHD Vertical Internal Connector Assembly, 1x1, Surface Mount, 0.76µm Gold (Au) Plating |
| Application | Wire-to-Board |
| Component Type | Internal Receptacle |
| Product Name | iPass+,zHD |
| Type | Pluggable |
| UPC | 889056428521 |

### Agency

| | |
|---|---|
| CSA | LR19880 |
| UL | E107635 |

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 1.0A |

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| | |
|---|---|
| Voltage - Maximum | 30V AC (RMS) / 42V DC |

### Physical

| | |
|---|---|
| Circuits (Loaded) | 36 |
| Circuits (maximum) | 36 |
| Color - Resin | Black |
| Durability (mating cycles max) | 50 |
| Flammability | 94V-0 |
| Gender | Receptacle |
| Lock to Mating Part | Yes |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 2.658/g |
| Number of Rows | 4 |
| Orientation | Vertical |
| Packaging Type | Embossed Tape on Reel |
| Panel Mount | No |
| PCB Locator | Yes |
| PCB Retention | Yes |
| Pitch - Mating Interface | 0.75mm |
| Plating min - Mating | 0.760µm |
| Plating min - Termination | 0.760µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Ports | 1 |
| Temperature Range - Operating | -40° to +80°C |
| Termination Interface Style | Surface Mount |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| Internal iPass+ HD-to-iPass+ HD, | 100171 |

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| | |
|---|---|
| 4X Short Body Cable Assemblies | |
| Internal iPass+ HD-to-iPass+ HD, 8X Short Body Cable Assemblies | 100172 |
| Internal iPass+ HD-to-iPass+ HD, 4X Short Body Cable Assemblies | 100189 |
| Internal iPass+ HD-to-iPass+ HD, 8X Short Body Cable Assemblies | 100190 |
| Internal iPass+ HD-to-iPass+ HD, 4X Short Body Cable Assemblies | 100219 |
| Internal iPass+ HD-to-iPass+ HD, 8X Short Body Cable Assemblies | 100220 |
| Internal iPass+ HD-to-iPass+ HD, 4X Short Body Cable Assemblies | 100221 |
| Internal iPass+ HD-to-iPass+ HD, 4X Short Body Cable Assemblies | 100222 |
| Internal iPass+ HD-to-iPass+ HD, 4X Short Body Cable Assemblies | 100223 |
| Internal iPass+ HD-to-iPass+ HD, 8X Short Body Cable Assemblies | 100224 |
| Internal iPass+ HD-to-iPass+ HD, 8X Short Body Cable Assemblies | 100225 |
| Internal iPass+ HD-to-iPass+ HD, 8X Short Body Cable Assemblies | 100226 |



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