



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 & Resources

Drawings

[1724660100_sd.pdf](#)

[PK-172466-9001-000.pdf](#)

3D Models and Design Files

[1724660100_stp.zip](#)

[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	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

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

EU RoHS Certificate of Compliance

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
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, 4X Short Body Cable Assemblies	<u>100171</u>
Internal iPass+ HD-to-iPass+ HD, 8X Short Body Cable Assemblies	<u>100172</u>
Internal iPass+ HD-to-iPass+ HD, 4X Short Body Cable Assemblies	<u>100189</u>
Internal iPass+ HD-to-iPass+ HD, 8X Short Body Cable Assemblies	<u>100190</u>
Internal iPass+ HD-to-iPass+ HD, 4X Short Body Cable Assemblies	<u>100219</u>

Internal iPass+ HD-to-iPass+ HD, 8X Short Body Cable Assemblies	<u>100220</u>
Internal iPass+ HD-to-iPass+ HD, 4X Short Body Cable Assemblies	<u>100221</u>
Internal iPass+ HD-to-iPass+ HD, 4X Short Body Cable Assemblies	<u>100222</u>
Internal iPass+ HD-to-iPass+ HD, 4X Short Body Cable Assemblies	<u>100223</u>
Internal iPass+ HD-to-iPass+ HD, 8X Short Body Cable Assemblies	<u>100224</u>
Internal iPass+ HD-to-iPass+ HD, 8X Short Body Cable Assemblies	<u>100225</u>
Internal iPass+ HD-to-iPass+ HD, 8X Short Body Cable Assemblies	<u>100226</u>