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

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)4165-DC (25 June 2025)

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

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	100171

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