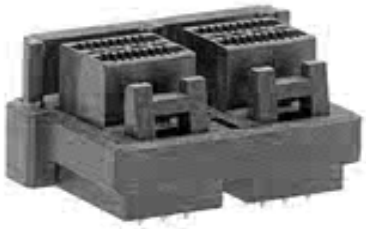
Part Number : 1707290002
Product Description : iPass+ zHD Vertical Internal Connector Assembly, 1x2, Through Hole, 0.76µm Gold (Au) Plating
Series Number : 170729
Status : Active
Product Category : High-Speed I/O Connectors



Documents & Resources

Drawings

1707290002_sd.pdf

PK-76867-002-000.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

SYM-170729-0002-001.zip

EE-170729-0001-001.pdf

SI-170729-0001-001.pdf

SP-170729-0001-001.zip

Specifications

1707290002-000.pdf

AS-170729-0001-001.pdf

AS-76867-002-001.pdf

PS-170729-001-001.pdf

1707290001-000.pdf

TS-170729-9906-001.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	170729
Description	iPass+ zHD Vertical Internal Connector Assembly, 1x2, Through Hole, 0.76µm Gold (Au) Plating
Application	Wire-to-Board
Component Type	Internal Receptacle
Product Name	iPass+,zHD
Type	Pluggable
UPC	887191187884

Agency

CSA	LR19980
UL	E107635

Electrical

Current - Maximum per Contact	1.0A
Voltage - Maximum	48V AC (RMS) / 67V DC

Physical

Circuits (Loaded)	72
Circuits (maximum)	72
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	5.964/g
Number of Rows	4
Orientation	Vertical
Packaging Type	Tray
Panel Mount	No
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
PC Tail Length	1.37mm
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	2
Temperature Range - Operating	-40° to +80°C

Termination Interface Style	Through Hole - Compliant Pin

Solder Process Data

Lead-Free Process Capability	N/A

Mates With / Use With

Mates with Part(s)

Description	Part Number
Internal iPass+ HD-to-iPass+ HD, 4X Short Body Cable Assemblies	100171
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

Application Tooling