

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1707290002](#)
Status: **Active**
Overview: [iPass+ HD Interconnect System](#)
Description: iPass+ zHD Vertical Internal Connector Assembly, 1x2, Through Hole, 0.76µm Gold (Au) Plating

Documents:

3D Model	Application Specification AS-76867-002-001 (PDF)
3D Model (PDF)	Packaging Specification PK-76867-002-000 (PDF)
Drawing (PDF)	Test Summary 1707290001-000 (PDF)
Product Specification PS-170729-001-001 (PDF)	Test Summary TS-170729-9906-001 (PDF)
Application Specification 1707290002-000 (PDF)	Symbol Footprint Data SYM-170729-0002-001 (PDF)
Application Specification AS-170729-0001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E107635

General

Product Family	I/O Connectors
Series	170729
Application	Wire-to-Board
Component Type	Internal Receptacle
Overview	iPass+ HD Interconnect System
Product Name	iPass+, zHD
Taxonomy	High-Speed Pluggable Connector
Type	N/A
UPC	887191187884

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
PC Tail Length	1.37mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
Packaging Type	Tray
Panel Mount	No
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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[170729](#) Series

Mates With

[100189](#) , [100171](#) , [100190](#) , [100219](#) ,
[100172](#) , [100220](#) , [100221](#) , [100222](#) ,
[100223](#) , [100224](#) , [100225](#) , [100226](#)

Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	1.0A
Voltage - Maximum	48V AC (RMS) / 67V DC
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Application Specification	1707290002-000, AS-170729-0001-001, AS-76867-002-001
Electrical Model Document	EE-170729-0001-001
Packaging Specification	PK-76867-002-000
Product Specification	PS-170729-001-001
S-Parameter Model	SP-170729-0001-001
Sales Drawing	SD-170729-0001-000
Signal Integrity Report	SI-170729-0001-001
Symbol/Footprint Data	SYM-170729-0002-001
Test Summary	1707290001-000, TS-170729-9906-001

This document was generated on 08/27/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION