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Part Number: [1707290001](#)
Status: **Active**
Overview: [iPass+ HD Interconnect System](#)
Description: iPass+ zHD Vertical Internal Connector Assembly, 1x1, 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-170729-0001-001 (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	887191187877

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	3.037/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	1
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)9120-DC (17 Jan 2023) Halogen-Free Status Low-Halogen For more information, please visit Contact US	China RoHS China ROHS ELV RoHS Phthalates
	Green Image Not Relevant 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-170729-0001-001
Test Summary	1707290001-000, TS-170729-9906-001

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