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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-170729-0001-001 (PDF)
Drawing (PDF)	Application Specification AS-76867-002-001 (PDF)
Product Specification PS-170729-001-001 (PDF)	Packaging Specification PK-76867-002-000 (PDF)
Product Specification TS-170729-9906-001 (PDF)	Test Summary 1707290001-000 (PDF)
Application Specification 1707290002-000 (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 Receptacles
Overview	iPass+ HD Interconnect System
Product Name	iPass+, zHD
Type	N/A
UPC	887191187877

Physical

Circuits (Loaded)	36
Circuits (maximum)	36
Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Tin over Nickel
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	0.076µm
Plating min - Termination	0.076µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Temperature Range - Operating	-40° to +80°C
Termination Interface: Style	Through Hole - Compliant Pin
Waterproof / Dustproof	No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/61/2018 (27 June
2018)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

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](#)

Electrical

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

Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers

Application Specification	1707290002-000, AS-170729-0001-001, AS-76867-002-001
Electrical Model Document	EE-170729-0001
Packaging Specification	PK-76867-002-000
Product Specification	PS-170729-001-001, TS-170729-9906-001
S-Parameter Model	SP-170729-0001
Sales Drawing	SD-170729-0001-000
Signal Integrity Report	SI-170729-0001
Symbol/Footprint Data	SYM-170729-0001
Test Summary	1707290001-000

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