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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](#)

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description

Product #

I-PASS zHD Wafer [622024900](#)

Assembly Removal

Tool

Press-In Tool for [622030770](#)

iPass Vertical zHD

Electrical

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

Solder Process Data

Lead-free Process 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
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

This document was generated on 01/15/2019

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