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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](#) [Drawing \(PDF\)](#)
[3D Model \(PDF\)](#) [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
 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
 Termination Interface: Style Through Hole - Compliant Pin

Electrical

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 D(2020)4578-DC (25
 June 2020)

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

Solder Process Data

Lead-free Process Capability

N/A

Material Info

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