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Part Number: [1707290004](#)
Status: **Active**
Overview: iPass+™ HD Interconnect System
Description: iPass+™ zHD Vertical Internal Cable and Connector Assembly, 1x4, 0.76µm

Documents:
[3D Model](#) [Packaging Specification PK-76867-002 \(PDF\)](#)
[Drawing \(PDF\)](#) [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 887191187891

Physical

Circuits (Loaded) 144
Circuits (maximum) 144
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
Material - Resin High Temperature Thermoplastic
Net Weight 11.928/g
Number of Rows 1
Orientation Vertical
PC Tail Length 1.57mm
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
Polarized to Mating Part Yes
Polarized to PCB Yes
Temperature Range - Operating -40°C to +80°C
Termination Interface: Style Through Hole - Compliant Pin
Waterproof / Dustproof No

Electrical

Current - Maximum per Contact 1.0A
Voltage - Maximum 48V DC

Solder Process Data

Lead-freeProcess Capability N/A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

Halogen-Free

Status

Low-Halogen

**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS
ELV

Green Image
Not Relevant

Search Parts in this Series

[170729](#) Series

Mates With

[111074](#) , [111076](#) iPass Internal Cable
Assembly

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 Assembly Removal Tool	0622024900
Press-In Tool for iPass Vertical zHD	0622030770

Material Info

Reference - Drawing Numbers

Electrical Model Document	EE-170729-0001
Packaging Specification	PK-76867-002
S-Parameter Model	SP-170729-0001
Sales Drawing	SD-170729-0001
Signal Integrity Report	SI-170729-0001
Symbol/Footprint Data	SYM-170729-0004

This document was generated on 07/15/2016

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