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**Part Number:** [170729-0002](#)  
**Status:** **Active**  
**Overview:** [ipass\\_hd\\_interconnect](#)  
**Description:** iPass+™ zHD Vertical Internal Cable and Connector Assembly, 1x2, 0.76µm

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-170729-0001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification AS-76867-002 (PDF)</a>
<a href="#">Product Specification PS-170729-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA	LR19980
UL	E107635

**General**

Product Family	I/O Connectors
Series	<a href="#">170729</a>
Application	Wire-to-Board
Component Type	Internal Receptacles
Overview	<a href="#">ipass_hd_interconnect</a>
Product Name	iPass+™, zHD™
Type	N/A
UPC	887191187884

**Physical**

Circuits (Loaded)	72
Circuits (maximum)	72
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	5.964/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	1A
Voltage - Maximum	48V DC

**Material Info**

**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC  
Contains SVHC: No**  
**Low-Halogen Status  
Low-Halogen**

**China RoHS**



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Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[170729Series](#)

**Mates With**

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

## Reference - Drawing Numbers

Application Specification  
Electrical Model Document  
Product Specification  
Sales Drawing  
Signal Integrity Report

AS-170729-0001, AS-76867-002  
EE-170729-0001  
PS-170729-001  
SD-170729-0001  
SI-170729-0001

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