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Part Number: [170729-0001](#)
Status: **Active**
Overview: iPass+™ HD Interconnect System
Description: iPass+™ zHD Vertical Internal Cable and Connector Assembly, 1x1, 0.76µm

Documents:

3D Model	Application Specification AS-170729-0001 (PDF)
Drawing (PDF)	Application Specification AS-76867-002 (PDF)
Product Specification PS-170729-001 (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
Material - Resin	High Temperature Thermoplastic
Net Weight	3.037/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



Need more information on product environmental compliance?

Email 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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