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Part Number:

1707290001

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-76867-002 (PDF)

Drawing (PDF)

Packaging Specification PK-76867-002 (PDF)

Product Specification PS-170729-001 (PDF)

RoHS Certificate of Compliance (PDF)

Application Specification AS-170729-0001 (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

1.0A

Voltage - Maximum

48V DC

Solder Process Data



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per

-ED/79/2015 (17

December 2015)

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

Green Image

ELV

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

Lead-free	Process Capability	N/A
Material Info		
Reference - Drawing Numbers		
Application Specification		AS-170729-0001, AS-76867-002
Electrical Model Document		EE-170729-0001
Packaging Specification		PK-76867-002
Product Specification		PS-170729-001
S-Parameter Model		SP-170729-0001
Sales Drawing		SD-170729-0001
Signal Integrity Report		SI-170729-0001
Symbol/Footprint Data		SYM-170729-0001

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