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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

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

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

Contains SVHC(2014 December 17): No

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

Application Specification	AS-170729-0001, AS-76867-002
Electrical Model Document	EE-170729-0001
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-170729-0004

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