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Part Number:

1707290002

Status:

Active

Overview:

iPass+™ HD Interconnect System

Description:

iPass+™ zHD Vertical Internal Cable and Connector Assembly, 1x2, 0.76µm

Documents:

3D Model

Drawing (PDF)

Product Specification PS-170729-001 (PDF)

Application Specification AS-170729-0001 (PDF)

Application Specification AS-76867-002 (PDF)

Packaging Specification PK-76867-002 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

UL

LR19980

E107635

General

Product Family

Series

Application

Component Type

Overview

Product Name

Type

UPC

I/O Connectors

170729

Wire-to-Board

Internal Receptacles

iPass+™ HD Interconnect System

iPass+™, zHD™

N/A

887191187884

Physical

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

Flammability

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Panel Mount

Pitch - Mating Interface

Plating min - Mating

Polarized to Mating Part

Polarized to PCB

Temperature Range - Operating

Termination Interface: Style

Waterproof / Dustproof

72

72

Black

50

94V-0

Yes

Copper Alloy

Gold over Nickel

Tin

High Temperature Thermoplastic

5.964/g

1

Vertical

1.57mm

Yes

Yes

1.57mm

Tray

No

0.75mm

0.076µm

Yes

Yes

-40°C to +80°C

Through Hole - Compliant Pin

No

Electrical

Current - Maximum per Contact

Voltage - Maximum

1.0A

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-170729-0002

This document was generated on 06/10/2016

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