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Part Number:	**76867-0012**
Status:	**Active**
Overview:	iPass+™ HD Interconnect System
Description:	iPass+™ HD Internal Cable and Connector Assembly, 1x2 , 0.76µm, Lead-Free

Documents:

3D Model	Application Specification AS-76867-002 (PDF)
Drawing (PDF)	Test Summary TS-76867-001 (PDF)
Product Specification PS-76867-001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification AS-76867-001 (PDF)	

Series
image - Reference only

Agency Certification

CSA	LR19980
UL	E107635

General

Product Family	I/O Connectors
Series	76867
Application	Wire-to-Board
Component Type	Internal Receptacles
Electrical Model	Yes
Overview	iPass+™ HD Interconnect System
Product Name	iPass+™
Type	N/A
UPC	884982008373

Physical

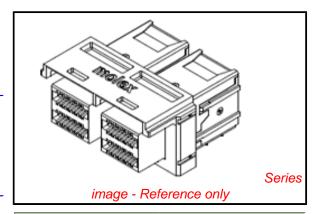|	
Circuits (Loaded)	72
Circuits (maximum)	72
Color - Resin	Black
Durability (mating cycles max)	250
Flammability	94V-0
Lock to Mating Part	Yes
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	9.191/g
Number of Rows	1
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.37mm
Packaging Type	Tray
Panel Mount	No
Pitch - Mating Interface	0.75mm
Pitch - Termination Interface	0.75mm
Plating min - Mating	0.762µm, 1.524µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	2
Temperature Range - Operating	-40°C to +80°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	1A

Search Parts in this Series
76867Series

Mates With
111068 iPass™ 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 #
HD Removal Tool	0622030100
Press-In Tool	0622030110

| Voltage - Maximum | 30V AC (RMS)/DC |

Material Info

Reference - Drawing Numbers

Application Specification	AS-76867-001, AS-76867-002
Electrical Model Document	EE-76866-001
Product Specification	PS-76867-001
Sales Drawing	SD-76867-002
Test Summary	TS-76867-001

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