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**Part Number:** [0768671013](#)  
**Status:** **Active**  
**Overview:** [iPass+ HD Interconnect System](#)  
**Description:** [iPass+ HD Internal Cable and Connector Assembly, 1x4, 0.76µm, Lead-Free](#)

**Documents:**

|                                                                  |                                                            |
|------------------------------------------------------------------|------------------------------------------------------------|
| <a href="#">3D Model</a>                                         | <a href="#">Packaging Specification PK-76867-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                    | <a href="#">Test Summary TS-76866-1004-001 (PDF)</a>       |
| <a href="#">Product Specification PS-76867-001-001 (PDF)</a>     | <a href="#">Test Summary TS-76867-001-001 (PDF)</a>        |
| <a href="#">Application Specification AS-76867-001-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>       |
| <a href="#">Application Specification AS-76867-002-001 (PDF)</a> |                                                            |

**Agency Certification**

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E107635 |

**General**

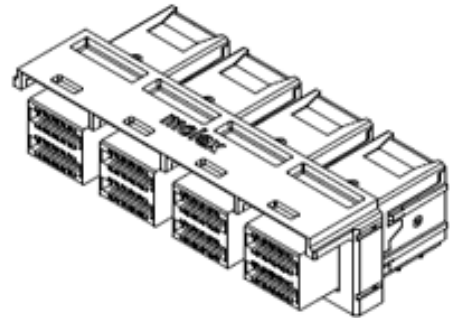
|                  |                                               |
|------------------|-----------------------------------------------|
| Product Family   | I/O Connectors                                |
| Series           | <a href="#">76867</a>                         |
| Application      | Wire-to-Board                                 |
| Component Type   | Internal Receptacle                           |
| Electrical Model | Yes                                           |
| Overview         | <a href="#">iPass+ HD Interconnect System</a> |
| Product Name     | iPass+                                        |
| Type             | N/A                                           |
| UPC              | 887191048840                                  |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Circuits (Loaded)              | 144                            |
| Circuits (maximum)             | 144                            |
| 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                     | 15.965/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                          | 4                              |
| Temperature Range - Operating  | -40° to +80°C                  |
| Termination Interface: Style   | Through Hole - Compliant Pin   |

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 1.0A |
|-------------------------------|------|



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/71/2019 (16 July  
2019)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**

[76867](#) Series

**Mates With**

[100189](#) , [100171](#) , [100190](#) , [100219](#) ,  
[100172](#) , [100220](#) , [100221](#) , [100222](#) ,  
[100223](#) , [100224](#) , [100225](#) , [100226](#)

**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 | <a href="#">622030100</a> |
| Press-In Tool   | <a href="#">622030110</a> |

|                                    |                                           |
|------------------------------------|-------------------------------------------|
| Voltage - Maximum                  | 30V AC (RMS)/DC                           |
| <b>Solder Process Data</b>         |                                           |
| Lead-freeProcess Capability        | N/A                                       |
| <b>Material Info</b>               |                                           |
| <b>Reference - Drawing Numbers</b> |                                           |
| Application Specification          | AS-76867-001-001, AS-76867-002-001        |
| Electrical Model Document          | EE-76866-1004                             |
| Packaging Specification            | PK-76867-001                              |
| Product Specification              | PS-76867-001-001                          |
| S-Parameter Model                  | SP-76866-001, SP-76866-100, SP-76866-1004 |
| Sales Drawing                      | SD-76867-1000-001                         |
| Test Summary                       | TS-76866-1004-001, TS-76867-001-001       |

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