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**Part Number:** [47151-8021](#)

**Status:** **Active**

**Overview:** High Definition Multimedia Interface (HDMI)\* Products

**Description:** 0.50mm Pitch HDMI\* Receptacle, Right Angle, 0.76µm Gold (Au) Plating, Mounted Height 16.08mm, Shell Nickel (Ni) Plated, with Flange and Back Cover, Solder Tabs with Dimples, Black Housing, Tray Packaging, Lead-Free

**Documents:**

[3D Model](#)

[Product Specification PS-47152-001 \(PDF\)](#)

[Drawing \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

**General**

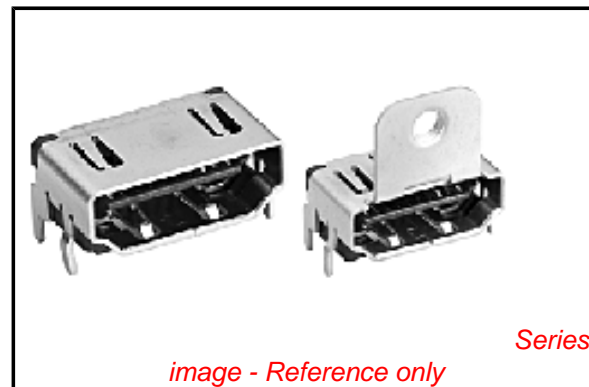
|                  |  |
|------------------|--|
| Product Family   | I/O Connectors   |
| Series           | <a href="#">47151</a>  |
| Application      | Wire-to-Board  |
| Component Type   | Receptacle   |
| Electrical Model | Yes  |
| Overview         | <u>High Definition Multimedia Interface (HDMI)* Products</u> |
| Product Name     | HDMI   |
| Type             | N/A  |
| UPC              | 822350905398   |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Boot Color                     | N/A                            |
| Circuits (Loaded)              | 19                             |
| Color - Resin                  | Black                          |
| Flammability                   | 94V-0                          |
| Gender                         | Male                           |
| Keying to Mating Part          | Yes                            |
| Lock to Mating Part            | Yes                            |
| Material - Metal               | Copper Alloy                   |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Tin-Bismuth                    |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 2.644/g                        |
| Number of Rows                 | 2                              |
| Orientation                    | Right Angle                    |
| PCB Locator                    | No                             |
| PCB Retention                  | Yes                            |
| Packaging Type                 | Tray                           |
| Panel Mount                    | With Flange                    |
| Pitch - Mating Interface       | 0.50mm                         |
| Pitch - Termination Interface  | 0.50mm                         |
| Plating min - Mating           | 0.762µm                        |
| Plating min - Termination      | 1.016µm                        |
| Polarized to Mating Part       | Yes                            |
| Polarized to PCB               | Yes                            |
| Ports                          | 1                              |
| Temperature Range - Operating  | -20°C to +85°C                 |
| Termination Interface: Style   | Surface Mount                  |
| Waterproof / Dustproof         | No                             |
| Wire Size AWG                  | N/A                            |

**Electrical**

|                               |     |
|-------------------------------|-----|
| Current - Maximum per Contact | .5A |
| Shielded                      | Yes |



**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

**Contains SVHC: No**

**Low-Halogen Status**

**Low-Halogen**

**China RoHS**



**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of  
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any  
non-product compliance questions.

**Search Parts in this Series**

[47151Series](#)

**Mates With**

[88768](#) HDMI Cable Assembly, [88764](#) HDMI  
Adapter, [88767](#) HDMI Adapter

Voltage - Maximum 40V DC

### **Solder Process Data**

|  |                           |
|--|---------------------------|
| Duration at Max. Process Temperature (seconds) | 48                        |
| Lead-free Process Capability                   | Reflow Capable (SMT only) |
| Max. Cycles at Max. Process Temperature        | 2                         |
| Process Temperature max. C                     | 255                       |

### **Material Info**

### **Reference - Drawing Numbers**

|                           |                            |
|---------------------------|----------------------------|
| Electrical Model Document | EE-47151-001, EE-47151-002 |
| Product Specification     | PS-47152-001               |
| S-Parameter Model         | SP-47151-002               |
| Sales Drawing             | SD-47151-101               |

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