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**Part Number:** [47151-6042](#)

**Status:** **Active**

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

**Description:** 0.50mm Pitch HDMI\* Receptacle, Right Angle, 0.25µm Gold (Au) Plating, Front Solder Tab Length 1.80mm, Shell Nickel (Ni) Plated, with Flange and Back Cover, Black Housing, Tray Packaging, Lead-Free

**Documents:**

[3D Model](#)

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

[Drawing \(PDF\)](#)

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

**General**

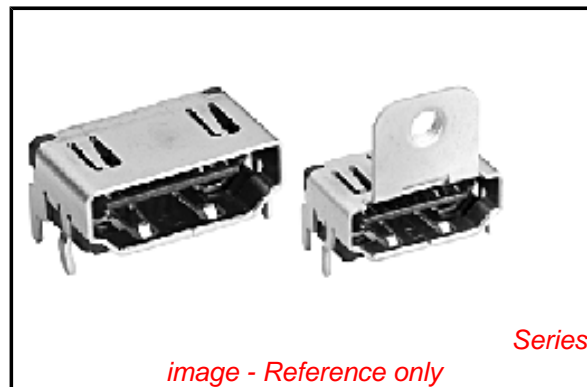
|                  |   |
|------------------|---|
| Product Family   | I/O Connectors  |
| Series           | <a href="#">47151</a>   |
| Application      | Wire-to-Board   |
| Component Type   | Receptacle  |
| Electrical Model | Yes   |
| Overview         | <a href="#">High Definition Multimedia Interface (HDMI)* Products</a> |
| Product Name     | HDMI  |
| Type             | N/A   |
| UPC              | 822350886154  |

**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    |
| Net Weight                     | 2.707/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           | 0.254µm        |
| 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    |
| Voltage - Maximum             | 40V DC |



**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

## 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-47151-001               |

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