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**Part Number:** [0471510001](#)  
**Status:** **Active**  
**Overview:** [High Definition Multimedia Interface \(HDMI\)\\* Products](#)  
**Description:** 0.50mm Pitch HDMI\* Receptacle, Right Angle, 0.76µm Gold (Au) Plating, Front Solder Tab Length 1.80mm, Shell Nickel (Ni) Plated, without Back Cover, Black Housing, Tape and Reel Package, 19 Circuits, 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 [47151](#)  
Application Wire-to-Board  
Component Type Receptacle  
Electrical Model Yes  
Overview [High Definition Multimedia Interface \(HDMI\)\\* Products](#)  
Product Name HDMI  
Type N/A  
UPC 822348794379

**Physical**  
Boot Color N/A  
Circuits (Loaded) 19  
Color - Resin Black  
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 2.050/g  
Number of Rows 2  
Orientation Right Angle  
PCB Locator No  
PCB Retention Yes  
Packaging Type Embossed Tape on Reel  
Panel Mount Without 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 0.5A  
Shielded Yes  
Voltage - Maximum 40V DC

**Solder Process Data**



Series image - Reference only

**EU ELV**  
**Not Relevant**

|                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| <b>EU RoHS</b><br><b>Compliant</b><br><b>REACH SVHC</b><br>Contains SVHC(2014<br>December 17): No<br><b>Halogen-Free</b><br><b>Status</b><br><b>Low-Halogen</b><br><b>Need more information on product<br/>environmental compliance?</b><br><br>Email <a href="mailto:productcompliance@molex.com">productcompliance@molex.com</a><br>Please visit the <a href="#">Contact Us</a> section for any<br>non-product compliance questions. | <b>China RoHS</b><br><br><br><br><br><br><br><br><br>China ROHS<br>ELV |
|                                                                                                                                                                                                                                                                                                                                                                                                                                        | Green Image<br>Not Relevant                                            |

**Search Parts in this Series**  
[47151](#) Series

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

|                                                |        |
|------------------------------------------------|--------|
| Duration at Max. Process Temperature (seconds) | 010    |
| Lead-freeProcess Capability                    | REFLOW |
| Process Temperature max. C                     | 245    |

**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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