

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0471511001](#)

Status: **Active**

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

Description: 0.50mm Pitch HDMI* Receptacle, Right Angle, Front Solder Tab Length 1.80mm, Shell Nickel (Ni) Plated, with 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 | 822348824281 |

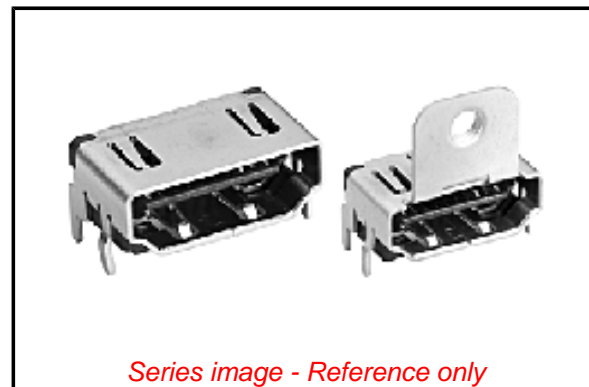
Physical

| | |
|--------------------------------|-----------------------|
| 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 | 2.197/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

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

Green Image

ELV

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 |
| Max. Cycles at Max. Process Temperature | 002 |
| Process Temperature max. C | 250 |

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 |

* High Definition Multimedia Interface and HDMI are trademarks of HDMI Licensing, LLC.

This document was generated on 03/29/2016

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION