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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

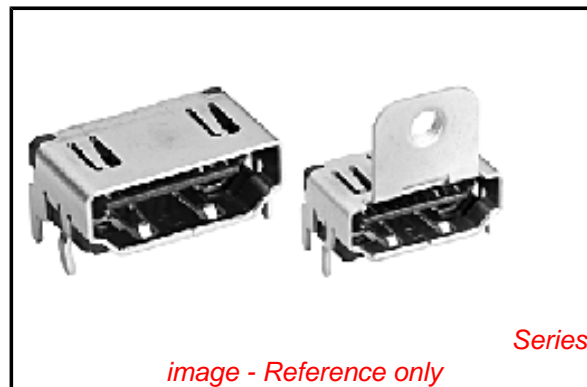
| | |
|------------------|---|
| Product Family | I/O Connectors |
| Series | 47151 |
| Application | Wire-to-Board |
| Component Type | Receptacle |
| Electrical Model | Yes |
| Overview | High Definition Multimedia Interface (HDMI)* Products |
| Product Name | HDMI |
| Type | N/A |
| UPC | 822350905398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

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
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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