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**Part Number:** [0471510051](#)  
**Status:** **Active**  
**Overview:** [High Definition Multimedia Interface \(HDMI\)\\* Products](#)  
**Description:** 0.50mm Pitch HDMI\* Receptacle, Right Angle, Gold (Au) Flash, 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	<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	800756954028

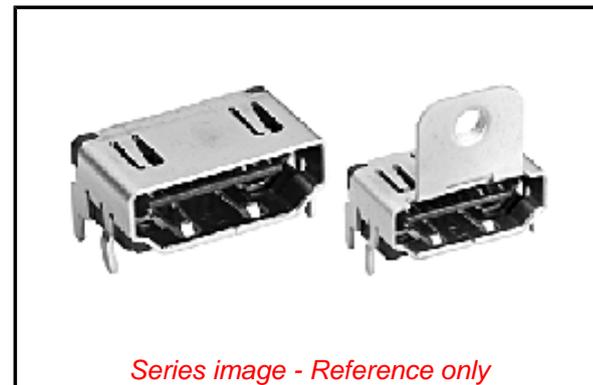
**Physical**

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	2.051/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	0.051µm
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**



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contains SVHC(2014 December 17): No

**Halogen-Free**

**Status**

**Low-Halogen**

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

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

China ROHS  
ELV

China RoHS  
Green Image  
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)	003
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

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

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