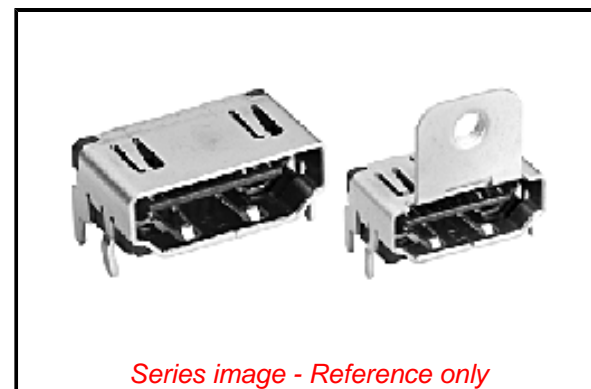


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**Part Number:** [0471511002](#)  
**Status:** **Active**  
**Overview:** High Definition Multimedia Interface (HDMI)\* Products  
**Description:** 0.50mm Pitch HDMI Receptacle, Right Angle with Screw Flange, Front Solder Tab Length 1.80mm, Shell Nickel (Ni) Plated, with Back Cover, Black Housing, Tray Package, 19 Circuits, Lead-Free

**Documents:**

[3D Model](#) [Packaging Specification PK-47151-002 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-47152-001-001 \(PDF\)](#)



**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
Priority	Normal
Product Name	HDMI
Type	N/A
UPC	822350117463

**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	2.539/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	0.5A
Shielded	Yes

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2018 (15  
January 2018)

**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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[47151](#) Series

**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) 003  
Lead-free Process 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  
Packaging Specification PK-47151-002  
Product Specification PS-47152-001-001  
S-Parameter Model SP-47151-002

This document was generated on 07/20/2018

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