

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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](#)
[Drawing \(PDF\)](#)
[Product Specification PS-47152-001-001 \(PDF\)](#)
[Packaging Specification PK-47151-001 \(PDF\)](#)
[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



Series image - Reference only

EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant
REACH SVHC
Not Contained Per -
ED/21/2016 (20 June
2016)
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
RoHS Phthalates Not Contained

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

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

Solder Process Data

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
Packaging Specification	PK-47151-001
Product Specification	PS-47152-001-001
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 11/15/2016

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION