

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [47151-1102](#)
Status: **Active**
Overview: [High Definition Multimedia Interface \(HDMI\)* Products](#)
Description: 0.50mm Pitch HDMI* Receptacle, Right Angle with Screw Flange, Front Solder Tab
Length 1.45mm, Shell Nickel (Ni) Plated, with Back Cover, Tray Package, Lead-Free

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)

[Product Specification PS-47152-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	I/O Connectors
Series	47151
Application	Wire-to-Board
Component Type	Receptacle
Overview	High Definition Multimedia Interface (HDMI)* Products
Product Name	HDMI
Type	N/A
UPC	822350117517

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	2.627/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
Voltage - Maximum	40V DC

Solder Process Data



image - Reference only

Series

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

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

Duration at Max. Process Temperature (seconds)

10

Lead-free Process Capability

Reflow Capable (SMT only)

Process Temperature max. C

onlinecomponents.com

THE ONLINE DISTRIBUTOR OF ELECTRONIC COMPONENTS

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 01/17/2013

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

onlinecomponents.com