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Part Number:

0471510002

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, Mounted Height 16.08mm, Shell Nickel (Ni) Plated, without Back Cover, Black Housing, Tray Package, 19 Circuits, 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
Electrical Model	Yes
MolexKits	Yes
Overview	High Definition Multimedia Interface (HDMI)* Products
Product Name	HDMI
Type	N/A
UPC	822350117081

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	2.481/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
Voltage - Maximum	40V DC



Series image - Reference only

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

Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

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)	040
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
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

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

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