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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



Series image - Reference only

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                                                |

EU ELV

Not Relevant

EU RoHS

China 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

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               |

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