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**Part Number:** [0483077022](#)  
**Status:** **Active**  
**Overview:** High Definition Multimedia Interface (HDMI)\* Products  
**Description:** 0.50mm Pitch HDMI\* Receptacle, Vertical, Surface Mount, with support, 0.38µm Gold (Au) Plating, Pick-and-Place Cover, 19 Circuits, Tape on Reel Packaging, Lead-Free

**Documents:**

[3D Model](#) [Product Specification PS-48307-901 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

|                |   |
|----------------|---|
| Product Family | I/O Connectors  |
| Series         | 48307   |
| Application    | Wire-to-Board   |
| Comments       | With Support  |
| Component Type | Receptacle  |
| Overview       | High Definition Multimedia Interface (HDMI)* Products |
| Product Name   | HDMI  |
| Type           | N/A   |
| UPC            | 883906546137  |

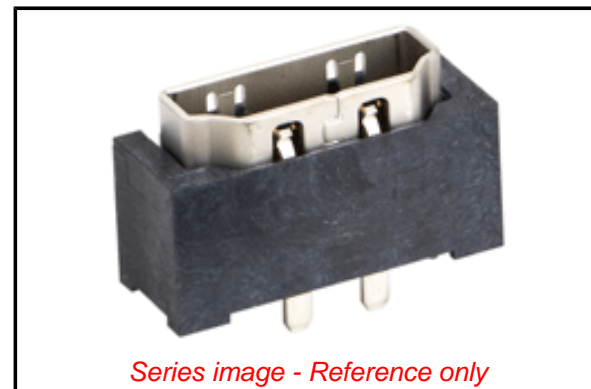
**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Boot Color                     | N/A                            |
| Circuits (Loaded)              | 19                             |
| Circuits (maximum)             | 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                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 5.138/g                        |
| Number of Rows                 | 2                              |
| Orientation                    | Vertical                       |
| PCB Locator                    | Yes                            |
| PCB Retention                  | Yes                            |
| Packaging Type                 | Embossed Tape on Reel          |
| Panel Mount                    | With Flange                    |
| Pitch - Mating Interface       | 0.50mm                         |
| Pitch - Termination Interface  | 0.50mm                         |
| Plating min - Mating           | 0.381µm                        |
| 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   |
| Voltage - Maximum             | 40V AC |

**Solder Process Data**



*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](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

**Search Parts in this Series**

[48307 Series](#)

|  |        |
|--|--------|
| Duration at Max. Process Temperature (seconds) | 003    |
| Lead-freeProcess Capability                    | REFLOW |
| Max. Cycles at Max. Process Temperature        | 001    |
| Process Temperature max. C                     | 260    |

**Material Info**

**Reference - Drawing Numbers**

|                       |              |
|-----------------------|--------------|
| Product Specification | PS-48307-901 |
| Sales Drawing         | SD-48307-722 |

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

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