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**Part Number:** [105156-1006](#)  
**Status:** **Active**  
**Overview:** [High Definition Multimedia Interface \(HDMI\)\\* Products](#)  
**Description:** 0.50mm Pitch HDMI\* Connector, Right Angle Receptacle, 19 Circuits, 30#" Gold (Au) Plating

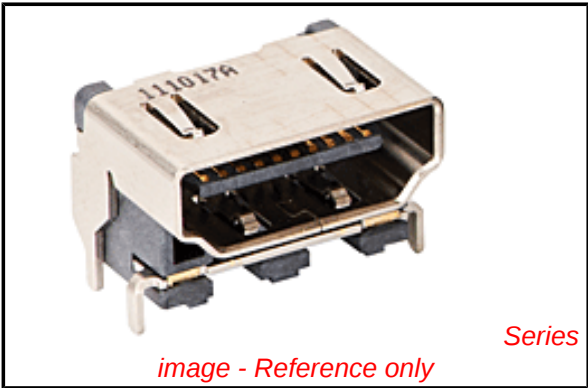
**Documents:**  
[3D Model](#) [Product Specification PS-105156-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

| General        |                                                                       |
|----------------|-----------------------------------------------------------------------|
| Product Family | I/O Connectors                                                        |
| Series         | <a href="#">105156</a>                                                |
| Application    | Wire-to-Board                                                         |
| Component Type | Receptacle                                                            |
| Overview       | <a href="#">High Definition Multimedia Interface (HDMI)* Products</a> |
| Product Name   | HDMI                                                                  |
| Type           | N/A                                                                   |
| UPC            | 884982385719                                                          |

| Physical                       |                                |
|--------------------------------|--------------------------------|
| Boot Color                     | N/A                            |
| Circuits (Loaded)              | 19                             |
| Circuits (maximum)             | 19                             |
| Durability (mating cycles max) | 10,000                         |
| Keying to Mating Part          | Yes                            |
| Lock to Mating Part            | Yes                            |
| Material - Metal               | Copper Alloy                   |
| Material - Plating Mating      | Nickel                         |
| Material - Plating Termination | Tin-Bismuth                    |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 3.948/g                        |
| Number of Rows                 | 2                              |
| Orientation                    | Right Angle                    |
| PCB Retention                  | Yes                            |
| PCB Thickness - Recommended    | 1.20mm                         |
| Packaging Type                 | Embossed Tape on Reel          |
| Panel Mount                    | No                             |
| Pitch - Mating Interface       | 0.50mm                         |
| Pitch - Termination Interface  | 0.50mm                         |
| Plating min - Mating           | 0.762µm                        |
| Polarized to Mating Part       | Yes                            |
| Polarized to PCB               | Yes                            |
| Ports                          | 1                              |
| Termination Interface: Style   | Surface Mount                  |

| Electrical                    |             |
|-------------------------------|-------------|
| Current - Maximum per Contact | 0.5A        |
| Grounding to Panel            | Yes         |
| Shield Type                   | Full Shield |
| Shielded                      | Yes         |
| Voltage - Maximum             | 40V AC      |

| Solder Process Data                            |                           |
|------------------------------------------------|---------------------------|
| Duration at Max. Process Temperature (seconds) | 20                        |
| Lead-free Process Capability                   | Reflow Capable (SMT only) |



**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Low-Halogen Status**  
**Low-Halogen**

**China RoHS**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto: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**  
[105156Series](#)

|                                         |     |
|-----------------------------------------|-----|
| Max. Cycles at Max. Process Temperature | 1   |
| Process Temperature max. C              | 265 |

**Material Info**

**Reference - Drawing Numbers**

|                           |               |
|---------------------------|---------------|
| Electrical Model Document | EE-105156-001 |
| Product Specification     | PS-105156-001 |
| Sales Drawing             | SD-105156-100 |

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

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