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**Part Number:** [2086581102](#)  
**Status:** **Active**  
**Overview:** [High Definition Multimedia Interface \(HDMI\)\\* Products](#)  
**Description:** HDMI v2.1 Receptacle, Right-Angle, 0.76µm Gold (Au) Plating, without Mylar, with Flange, Tray, 19 Circuits

**Documents:**

|                                |   |
|--------------------------------|---|
| <a href="#">3D Model</a>       | <a href="#">Product Specification 2086580001-000 (PDF)</a>  |
| <a href="#">Drawing (PDF)</a>  | <a href="#">Packaging Specification 2086589902-PK (PDF)</a> |
| <a href="#">3D Model (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>        |

**General**

|                |   |
|----------------|---|
| Product Family | I/O Connectors  |
| Series         | <a href="#">208658</a>  |
| Application    | Wire-to-Board   |
| Component Type | Receptacle  |
| Overview       | <a href="#">High Definition Multimedia Interface (HDMI)* Products</a> |
| Product Name   | HDMI  |
| Type           | A   |
| UPC            | 191130504930  |

**Physical**

|                                |                        |
|--------------------------------|------------------------|
| Circuits (Loaded)              | 19                     |
| Circuits (maximum)             | 19                     |
| Color - Resin                  | Black                  |
| Durability (mating cycles max) | 10000                  |
| Gender                         | Female                 |
| Keying to Mating Part          | Yes                    |
| Lock to Mating Part            | Yes                    |
| Material - Metal               | Brass                  |
| Material - Plating Mating      | Gold                   |
| Material - Plating Termination | Gold                   |
| Material - Resin               | Liquid Crystal Polymer |
| Net Weight                     | 2.400/g                |
| Number of Rows                 | 2                      |
| Orientation                    | Right Angle            |
| PCB Locator                    | Yes                    |
| 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                |
| Polarized to Mating Part       | Yes                    |
| Polarized to PCB               | Yes                    |
| Ports                          | 1                      |
| Temperature Range - Operating  | -20° to +85°C          |
| Termination Interface: Style   | Surface Mount          |

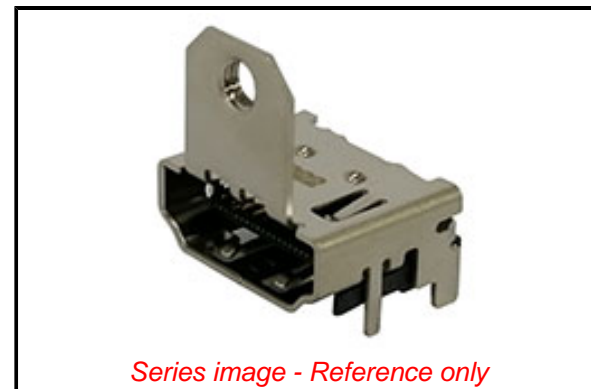
**Electrical**

|                               |        |
|-------------------------------|--------|
| Current - Maximum per Contact | 0.5A   |
| Voltage - Maximum             | 40V DC |

**Material Info**

**Reference - Drawing Numbers**

|                         |                |
|-------------------------|----------------|
| Packaging Specification | 2086589902-PK  |
| Product Specification   | 2086580001-000 |



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[208658 Series](#)

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