



**Part Number :** [2086588131](#)  
**Product Description :** HDMI v2.1 Receptacle,  
Right-Angle, 0.76µm Gold (Au) Plating,  
2.20mm Tab, Tape and Reel, 19 Circuits  
**Series Number :** 208658  
**Status :** Active  
**Product Category :** I/O Connectors



Documents & Resources

**Drawings**  
[2086588131\\_sd.pdf](#)  
[2086589901-000.pdf](#)

**3D Models and Design Files**  
[2086588131\\_stp.zip](#)

**Specifications**  
[2086580001-000.pdf](#)

Product Environment Compliance

Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                          |
| China RoHS         |  |
| EU ELV             | Not Relevant                                                                          |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                        |
| REACH SVHC         | Not Contained per D(2024)6225-DC (07 Nov 2024)                                        |
| EU RoHS            | Compliant per EU 2015/863                                                             |

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D

- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

|                |                                                                                                     |
|----------------|-----------------------------------------------------------------------------------------------------|
| Status         | Active                                                                                              |
| Category       | I/O Connectors                                                                                      |
| Series         | 208658                                                                                              |
| Description    | HDMI v2.1 Receptacle, Right-Angle, 0.76µm Gold (Au) Plating, 2.20mm Tab, Tape and Reel, 19 Circuits |
| Application    | Wire-to-Board                                                                                       |
| Component Type | Receptacle                                                                                          |
| Product Name   | HDMI                                                                                                |
| Standard       | HDMI 2.1                                                                                            |
| Type           | A                                                                                                   |
| UPC            | 191130504961                                                                                        |

#### Electrical

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

#### Physical

|                                |                                |
|--------------------------------|--------------------------------|
| Circuits (Loaded)              | 19                             |
| Circuits (maximum)             | 19                             |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 10000                          |
| Gender                         | Female                         |
| Keying to Mating Part          | None                           |
| Lock to Mating Part            | Yes                            |
| Material - Metal               | Copper Alloy                   |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Gold                           |
| Material - Resin               | High Temperature Thermoplastic |

|                               |                       |
|-------------------------------|-----------------------|
| Mounting Style                | Top-Mount             |
| Net Weight                    | 2.420/g               |
| Number of Rows                | 2                     |
| Orientation                   | Right Angle           |
| Packaging Type                | Embossed Tape on Reel |
| Panel Mount                   | Without Flange        |
| PCB Locator                   | Yes                   |
| PCB Retention                 | Yes                   |
| 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         |