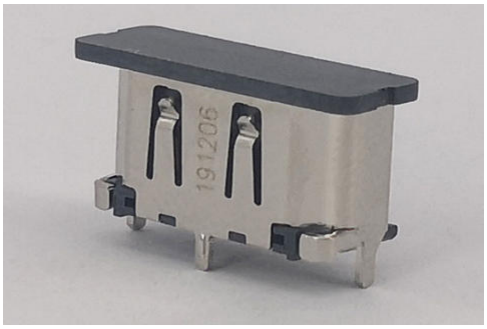
**Part Number :** 476591100
**Product Description :** HDMI Receptacle, Vertical, 8.50mm Mounted Height, Surface Mount, 0.76µm Gold (Au) Plating, with Cap, 19 Circuits, Tape and Reel, Lead-Free
**Series Number :** 47659
**Status :** Active
**Product Category :** I/O Connectors




## Documents & Resources

### Drawings

476591100_sd.pdf

476595100-000.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

### Specifications

2086580001-000.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Compliant with Exemption 44; 34; 33 |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)4165-DC (25 June 2025) |
| EU RoHS | Compliant per EU 2015/863 |

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | I/O Connectors |
| Series | 47659 |
| Description | HDMI Receptacle, Vertical, 8.50mm Mounted Height, Surface Mount, 0.76µm Gold (Au) Plating, with Cap, 19 Circuits, Tape and Reel, Lead-Free |
| Application | Wire-to-Board |
| Component Type | Receptacle |
| Product Name | HDMI |
| Standard | HDMI 1.0 |
| Type | A |
| UPC | 193264442676 |

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 0.5A |
| Shielded | Yes |
| 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 | Vertical |
| Net Weight | 1.730/g |
| Number of Rows | 2 |
| Orientation | Vertical |
| 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 |
| Plating min - Termination | 0.051µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Ports | 1 |
| Temperature Range - Operating | -20° to +85°C |
| Termination Interface Style | Surface Mount |

**Solder Process Data**

| | |
|---|---|
| Max-Duration | 3 |
| Lead-Free Process Capability | REFLOW |
| Max-Cycle | 2 |
| Max-Temp | 250 |

This document was generated on Oct 05, 2025