



**Part Number :** [2086581051](#)  
**Product Description :** HDMI v2.1 Receptacle,  
Right-Angle, Gold Flash Plating, 1.80mm Tab,  
Tape and Reel, 19 Circuits  
**Series Number :** 208658  
**Status :** Active  
**Product Category :** I/O Connectors



Documents & Resources


**Drawings**  
[Drawing 2086581051\\_sd.pdf](#)  
[Packaging Design Drawing 2086589901-000.pdf](#)

**3D Models and Design Files**  
[3D Model 2086581051\\_stp.zip](#)

**Specifications**  
[Product Specification 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(2023)3788-DC (14 Jun 2023)
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, Gold Flash Plating, 1.80mm Tab, Tape and Reel, 19 Circuits
Application	Wire-to-Board
Component Type	Receptacle
Product Family	HDMI Connectors
Product Name	HDMI
Standard	HDMI 2.1
Type	A
UPC	191130504695

#### 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	1.775/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	0.051µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Temperature Range - Operating	-20° to +85°C
Termination Interface Style	Surface Mount