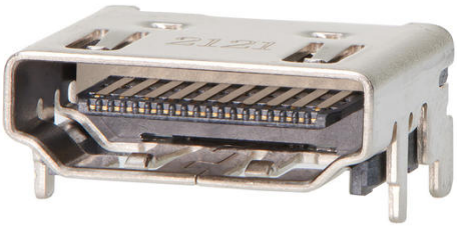
Part Number : 2086581201
Product Description : HDMI v2.1 Receptacle, Right-Angle, 0.37µm Gold (Au) Plating, 1.30mm Tab, Tape and Reel, 19 Circuits
Series Number : 208658
Status : Active
Product Category : I/O Connectors



Documents & Resources

Drawings

2086581201_sd.pdf

2086581201PK-000.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

2086581201PS-000.pdf

2086581201TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
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

Part Details

General

Status	Active
Category	I/O Connectors
Series	208658
Description	HDMI v2.1 Receptacle, Right-Angle, 0.37µm Gold (Au) Plating, 1.30mm Tab, Tape and Reel, 19 Circuits
Application	Wire-to-Board
Component Type	Receptacle
Product Name	HDMI
Standard	HDMI 2.1
Type	A
UPC	193264765225

Electrical

Current - Maximum per Contact	0.5A
Shielded	Yes
Shield Type	Full Shield
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	1.971/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
Panel Mount	Without Flange
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.00mm
Pitch - Mating Interface	0.50mm
Pitch - Termination Interface	0.50mm
Plating min - Mating	0.375µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	Surface Mount

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mates With	HDMI Plug/Cable