



Part Number : 2086581001

Series Number : 208658
Product Category : I/O Connectors

Product Description : HDMI v2.1 Receptacle,
Right-Angle, 0.76µm Gold(Au) Plating, 1.80mm
Tab, Tape and Reel, 19 Circuits
Status : Active

Documents & Resources

Drawings
Drawing 2086581001_sd.pdf
Packaging Design Drawing 2086589901-000.pdf

3D Models and Design Files
3D Model 2086581001_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(2024)4144-DC (27 June 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

Part Details

General

Status	Active
Category	I/O Connectors
Series	208658
Description	HDMI v2.1 Receptacle, Right-Angle, 0.76µm Gold(Au) 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	191130504671

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	0.762μm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Temperature Range - Operating	-20° to +85°C
Termination Interface Style	Surface Mount