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**Part Number:** [2086581002](#)  
**Status:** **Active**  
**Overview:** [High Definition Multimedia Interface \(HDMI\)\\* Products](#)  
**Description:** 0.50mm Pitch HDMI v2.1 Receptacle, Right-Angle, 0.76µm Gold (Au) Plating, without Mylar, with Flange, Tray, 19 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification 2086580001-000 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification 2086589902-PK (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	I/O Connectors
Series	<a href="#">208658</a>
Application	Wire-to-Board
Component Type	Receptacle
Overview	<a href="#">High Definition Multimedia Interface (HDMI)* Products</a>
Product Name	HDMI
Type	A
UPC	191130504688

**Physical**

Circuits (Loaded)	19
Circuits (maximum)	19
Color - Resin	Black
Durability (mating cycles max)	10000
Gender	Female
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Liquid Crystal Polymer
Net Weight	2.400/g
Number of Rows	2
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Tray
Panel Mount	With Flange
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

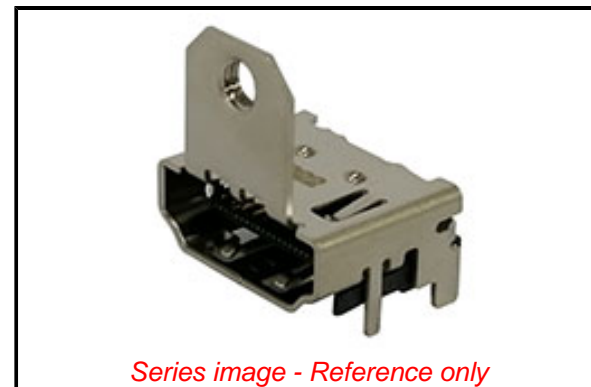
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	2086589902-PK
Product Specification	2086580001-000



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[208658 Series](#)

This document was generated on 09/23/2020

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