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**Part Number:** [500254-1927](#)  
**Status:** **Active**  
**Overview:** [High Definition Multimedia Interface \(HDMI\)\\* Products](#)  
**Description:** HDMI\* Receptacle, Right Angle, SMT Solder Tails and Through Hole Shell Tabs

**Documents:**

[3D Model](#) [Product Specification PS-501194-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	I/O Connectors
Series	500254
Application	Wire-to-Board
Component Type	Receptacle
Overview	<a href="#">High Definition Multimedia Interface (HDMI)* Products</a>
Product Name	HDMI
Type	N/A
UPC	822348344000

**Physical**

Circuits (Loaded)	19
Circuits (maximum)	19
Color - Resin	Black
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	3.155/g
Orientation	Right Angle
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Embossed Tape on Reel
Panel Mount	No
Pitch - Mating Interface	0.50mm
Pitch - Termination Interface	0.50mm
Plating min - Mating	0.762µm
Plating min - Termination	1.016µm
Polarized to Mating Part	Yes
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-20°C to +85°C
Termination Interface: Style	Surface Mount
Wire Size AWG	N/A

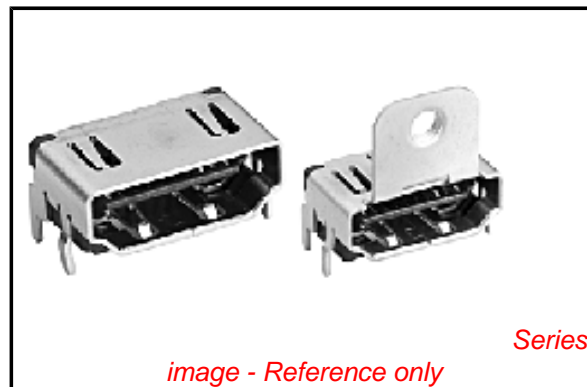
**Electrical**

Current - Maximum per Contact	0.5A
Shielded	Yes
Voltage - Maximum	40V

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	40
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260

**Material Info**



**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC  
Contains SVHC: No**  
**Low-Halogen Status  
Low-Halogen**

**China RoHS**



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Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

500254Series

**Mates With**

501194 HDMI Cable Assembly

## Reference - Drawing Numbers

Electrical Model Document

EE-500254-001

Product Specification

PS-501194-001, RPS-500254-008, RPS-88768-003

Sales Drawing

SD-500254-005

\* High Definition Multimedia Interface and HDMI are trademarks of HDMI Licensing, LLC.

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