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Part Number: [5002541931](#)
Status: **Active**
Overview: [High Definition Multimedia Interface \(HDMI\)* Products](#)
Description: HDMI* Receptacle, Right Angle with Screw Flange, Surface Mount Solder Tails and Through Hole Shell Tabs, Use With M3x0.5 Screw

Documents:

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

General

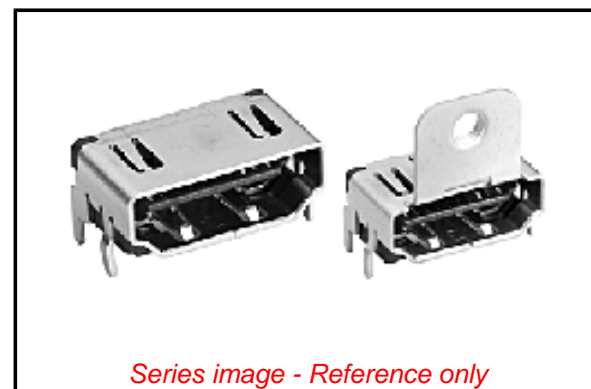
Product Family	I/O Connectors
Series	500254
Application	Wire-to-Board
Component Type	Receptacle
Overview	High Definition Multimedia Interface (HDMI)* Products
Product Name	HDMI
Type	N/A
UPC	822348346110

Physical

Boot Color	N/A
Circuits (Loaded)	19
Circuits (maximum)	19
Color - Resin	Black
Gender	Male
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	3.383/g
Number of Rows	2
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Panel Mount	Yes
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
Polarized to PCB	Yes
Ports	1
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-20°C to +85°C
Termination Interface: Style	Surface Mount
Waterproof / Dustproof	No
Wire Size AWG	N/A

Electrical

Current - Maximum per Contact	0.5A
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	40V AC (RMS)/DC



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contains SVHC(2014 December 17): No

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS
ELV

Green Image
Not Relevant

Search Parts in this Series

[500254](#) Series

Mates With

[501194](#) HDMI Cable Assemblies,
[Link:88768](#)

Use With

M3x0.5 Screw

Solder Process Data

Duration at Max. Process Temperature (seconds)	040
Lead-free Process Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info**Reference - Drawing Numbers**

Product Specification	PS-501194-001, RPS-500254-007, RPS-500254-008
Sales Drawing	SD-500254-004, SD-500254-006

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This document was generated on 06/30/2015

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