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Part Number: [47630-1012](#)

Status: **Active**

Overview: [High Definition Multimedia Interface \(HDMI\)* Products](#)

Description: 0.50mm Pitch HDMI* Receptacle, Right Angle, Mid-Mount, with Through Hole Solder Tabs, Gold (Au) Flash Plating, Tape and Reel Package, 19 Circuits, Halogen-free, Lead-Free

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-47152-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General

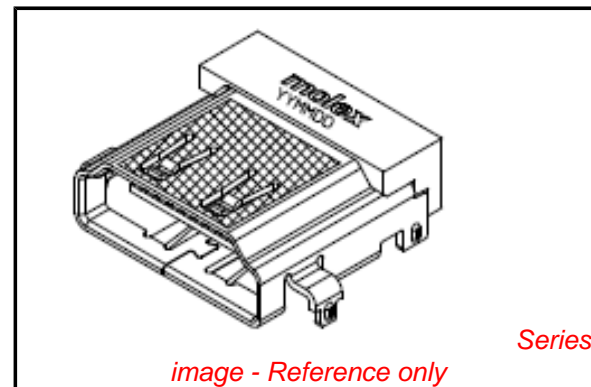
Product Family	I/O Connectors
Series	47630
Application	Wire-to-Board
Component Type	Receptacle
Overview	High Definition Multimedia Interface (HDMI)* Products
Product Name	HDMI
Type	N/A
UPC	884982001329

Physical

Boot Color	N/A
Circuits (Loaded)	19
Circuits (maximum)	19
Color - Resin	Black
Durability (mating cycles max)	10,000
Gender	Male
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin-Bismuth
Material - Resin	High Temperature Thermoplastic
Net Weight	2.221/g
Number of Rows	2
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Panel Mount	N/A
Pitch - Mating Interface	0.50mm
Pitch - Termination Interface	0.50mm
Plating min - Mating	0.025µm
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	Through Hole
Waterproof / Dustproof	No
Wire Size AWG	N/A

Electrical

Current - Maximum per Contact	0.5A
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EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

**Contains SVHC: No
Low-Halogen Status
Low-Halogen**

China RoHS



**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

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

Search Parts in this Series

[47630Series](#)

Mates With

[88768](#) HDMI Cable Assembly, [88764](#) HDMI
Adapter, [88767](#) HDMI Adapter

Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	40V DC

Solder Process Data

Duration at Max. Process Temperature (seconds)	3
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	250

Material Info

Reference - Drawing Numbers

Electrical Model Document	EE-47630-001
Product Specification	PS-47152-001
S-Parameter Model	SP-47630-001
Sales Drawing	SD-47630-100

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

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