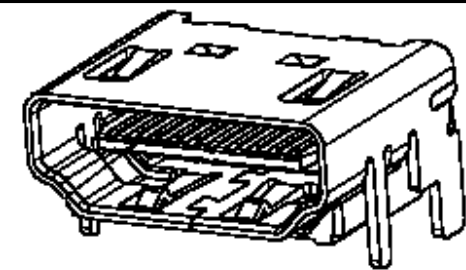


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Part Number: 0473131051
Status: Obsolete
Overview: high_definition_multimedia_interface_hdmi
Description: 0.50mm (.020") Pitch HDMI* Receptacle, Right Angle, Gold (Au) Flash Plated Contacts, Through Hole Shell Tab Length 2.20mm (.087"), Shell Nickel (Ni) Plated, without Flange, with Plastic Post, Tape on Reel Package, Lead Free



Series

image - Reference only

Documents:
[Drawing \(PDF\)](#)

General	
Product Family	I/O Connectors
Series	47313
Application	Wire-to-Board
Comments	With Plastic Post
Component Type	Receptacle
Overview	high_definition_multimedia_interface_hdmi
Product Name	HDMI
Type	A

Physical	
Boot Color	N/A
Circuits (Loaded)	19
Circuits (maximum)	19
Color - Resin	Black
Gender	Receptacle
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
Number of Rows	2
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Reel
Panel Mount	Without Flange
Pitch - Mating Interface	0.50mm (.020")
Pitch - Termination Interface	0.50mm (.020")
Plating min - Mating	0.051µm (2µ")
Plating min - Termination	1.016µm (40µ")
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
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
Grounding to Panel	Yes
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	40V DC

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Reviewed

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
47313Series

Mates With
88768 HDMI cable assembly, 88764 HDMI Adapter, 88767 HDMI Adapter

Solder Process Data

Duration at Max. Process Temperature (seconds)	48
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	2
Process Temperature max. C	255

Material Info

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

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