

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0472661101

Status:

Active

Overview:

high_definition_multimedia_interface_hdmi

Description:

0.50mm (.020") Pitch HDMI* Receptacle, Right Angle, Natural, Through Hole Shell Tab Length 1.90mm (.075"), 0.25µm (10µ") Gold (Au) Plating, Matt Tin Plated Shell, with Flange, Tray Package, 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	47266
Application	Wire-to-Board
Comments	With Upper Flange
Component Type	Receptacle
Overview	high_definition_multimedia_interface_hdmi
Product Name	HDMI
Type	N/A

Physical	
Boot Color	N/A
Circuits (Loaded)	19
Circuits (maximum)	19
Color - Resin	Natural
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
Number of Rows	2
Orientation	Right Angle
PCB Locator	No
PCB Retention	Yes
Packaging Type	Tray
Panel Mount	Yes
Pitch - Mating Interface (in)	0.020 In
Pitch - Mating Interface (mm)	0.50 mm
Pitch - Term. Interface (in)	0.020 In
Pitch - Term. Interface (mm)	0.50 mm
Plating min: Mating (µin)	10
Plating min: Mating (µm)	0.25
Plating min: Termination (µin)	40
Plating min: Termination (µm)	1
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

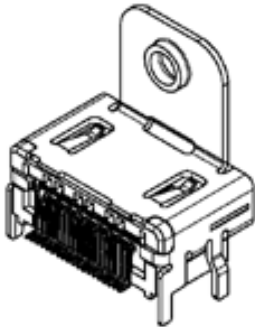


image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

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

47266Series

Mates With

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

Current - Maximum per Contact	0.5A
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	40V DC

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-47266-002
Product Specification	PS-47152-001
Sales Drawing	SD-47266-001

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

This document was generated on 05/19/2010
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

10 9 8 7 6 5 4 3 2 1

F

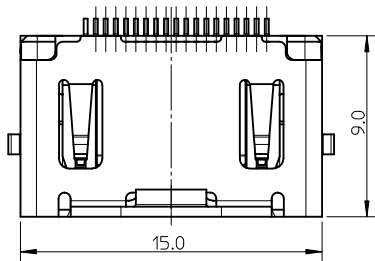
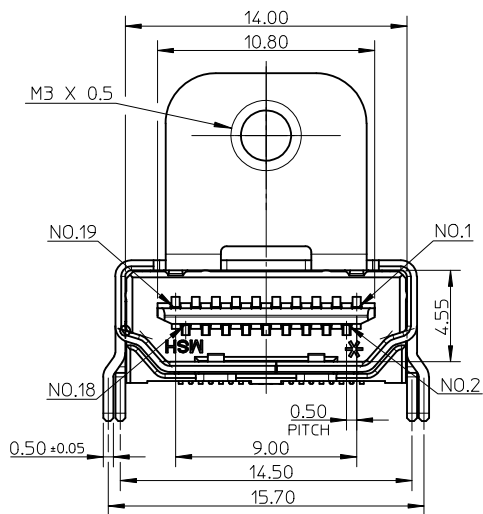
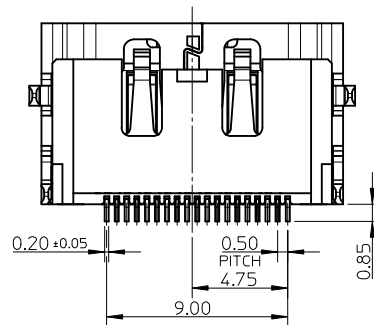
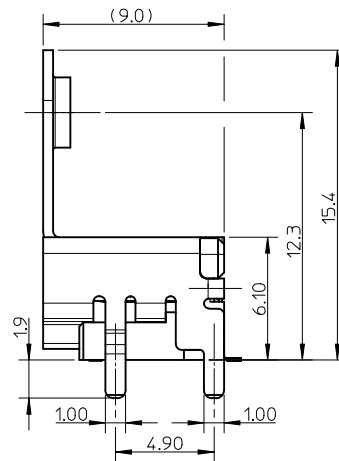
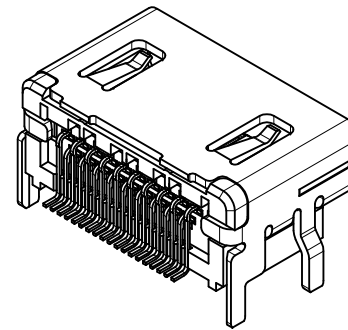
E

D

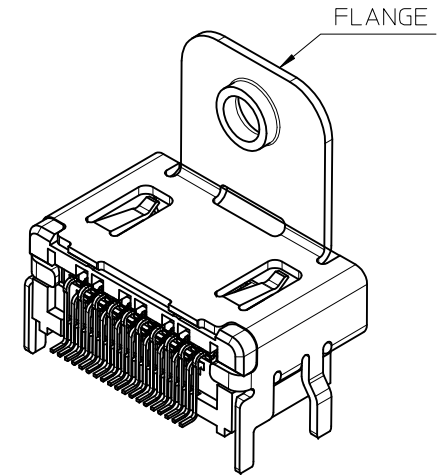
C

B

A



WITHOUT FLANGE



WITH FLANGE

NOTES:

1. MATERIAL:

HOUSING: HIGH TEMPERATURE THERMAL PLASTIC. COLOR: SEE TABLE.
SHELL: COPPER ALLOY.
TERMINAL: COPPER ALLOY.

2. PLATING:

TERMINAL:

CONTACT AREA: (1) 0.76 MICROMETER MIN. GOLD PLATING.
(2) 0.25 MICROMETER MIN. GOLD PLATING.
(3) GOLD FLASH.

SOLDER AREA: 1 MICROMETER MIN. TIN-BISMUTH ALLOY PLATING.

UNDER PLATE: 1.27 MICROMETER MIN. NICKEL PLATING.

SHELL: (1) 1.27 MICROMETER MIN. MATTE TIN PLATING OVERALL.

(2) 0.75 MICROMETER MIN. SOLDERABLE NICKEL PLATING OVERALL.

3. TERMINAL RETENTION FORCE TO BE 0.3kgf Min.

4. PRODUCT SPECIFICATION: PS-47152-001.

5. PACKAGE SPECIFICATION: SEE TABLE.

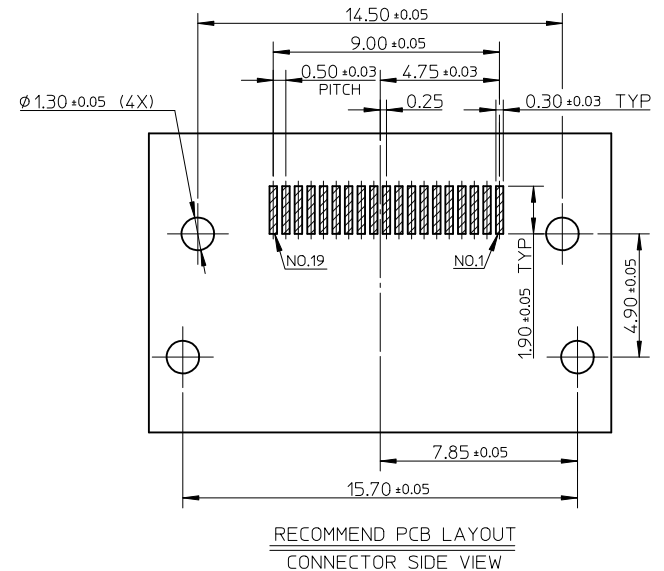
6. COPLANARITY OF ALL TERMINALS IS 0.10mm MAX.

7. PRODUCT COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND
ELV DIRECTIVE 2000/53/EC.

9 8 7 6 5 4 3 2 1

REVISED EC NO: SH2010-0165 DRWN:XOZHANG CHKD:GLL I APPR:XJ SONG	2009/11/03 2009/11/03 2010/01/28	DESCRIPTION	QUALITY SYMBOLS F _A =0 F _C =0 F _P =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
						DRAWN BY DATE		TITLE HDMI RECEPTACLE W/SCREW R/A SMT CUSTOMER DRAWING			
				4 PLACES	± ---	± ---	ROST ZHANG				2005/05/20
				3 PLACES	± ---	± ---	CHECKED BY				DATE
				2 PLACES	± 0.20	± ---	GRATE MA				2005/05/20
				1 PLACE		± 0.30	± ---	APPROVED BY	DATE		 MOLEX INCORPORATED
				ANGULAR		± 2 °	XJ SONG	2010/01/26			
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.	SHEET NO.		
						SEE SHEET 2		SD-47266-001			1 OF 2
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

10	9	8	7	6	5	4	3	2	1
47266-7211	NATURE	SEE NOTE 2(3)	SOLDERABLE NICKEL	WITHOUT FLANGE	TAPE & REEL, PK-47266-001				
47266-7111		SEE NOTE 2(2)							
47266-7011		SEE NOTE 2(1)							
47266-6201	BLACK	SEE NOTE 2(3)	SOLDERABLE NICKEL	WITHOUT FLANGE	TAPE & REEL, PK-47266-001				
47266-6101		SEE NOTE 2(2)							
47266-6001		SEE NOTE 2(1)							
47266-5211	NATURE	SEE NOTE 2(3)	SOLDERABLE NICKEL	WITH FLANGE	TAPE & REEL, PK-47266-003				
47266-5111		SEE NOTE 2(2)							
47266-5011		SEE NOTE 2(1)							
47266-4211	BLACK	SEE NOTE 2(3)	SOLDERABLE NICKEL	WITH FLANGE	TAPE & REEL, PK-47266-003				
47266-4111		SEE NOTE 2(2)							
47266-4011		SEE NOTE 2(1)							
47266-5201	NATURE	SEE NOTE 2(3)	SOLDERABLE NICKEL	WITH FLANGE	TRAY, PK-47266-002				
47266-5101		SEE NOTE 2(2)							
47266-5001		SEE NOTE 2(1)							
47266-4201	BLACK	SEE NOTE 2(3)	SOLDERABLE NICKEL	WITH FLANGE	TRAY, PK-47266-002				
47266-4101		SEE NOTE 2(2)							
47266-4001		SEE NOTE 2(1)							
47266-3201	NATURE	SEE NOTE 2(3)	MATTE TIN	WITHOUT FLANGE	TAPE & REEL, PK-47266-001				
47266-3101		SEE NOTE 2(2)							
47266-3001		SEE NOTE 2(1)							
47266-2201	BLACK	SEE NOTE 2(3)	MATTE TIN	WITHOUT FLANGE	TAPE & REEL, PK-47266-001				
47266-2101		SEE NOTE 2(2)							
47266-2001		SEE NOTE 2(1)							
47266-1211	NATURE	SEE NOTE 2(3)	MATTE TIN	WITH FLANGE	TAPE & REEL, PK-47266-003				
47266-1111		SEE NOTE 2(2)							
47266-1011		SEE NOTE 2(1)							
47266-0211	BLACK	SEE NOTE 2(3)	MATTE TIN	WITH FLANGE	TAPE & REEL, PK-47266-003				
47266-0111		SEE NOTE 2(2)							
47266-0011		SEE NOTE 2(1)							
47266-1201	NATURE	SEE NOTE 2(3)	MATTE TIN	WITH FLANGE	TRAY, PK-47266-005				
47266-1101		SEE NOTE 2(2)			TRAY, PK-47266-002				
47266-1001		SEE NOTE 2(1)							
47266-0201	BLACK	SEE NOTE 2(3)	MATTE TIN	WITH FLANGE	TRAY, PK-47266-005				
47266-0101		SEE NOTE 2(2)			TRAY, PK-47266-002				
47266-0001		SEE NOTE 2(1)							
P/N	HOUSING COLOR	CONTACT AREA PLATING	SHELL PLATING	REMARK	PACKAGE SPECIFICATION				



SEE SHEET 1 EC NO: SH2010-0165 DRWN:XZ ZHANG CHKD:GLL APPR:XJ SONG 2009/11/03 2009/11/03 2010/01/26	DESCRIPTION	QUALITY SYMBOLS <div><div><div><div><div></div></div></div><div><div><div></div></div></div><div><div><div></div></div></div></div><div><div><div></div></div></div><div><div><div></div></div></div><div><div><div></div></div></div></div> <div><div><div></div></div></div> <div><div><div></div></div></div>	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY ROST ZHANG	DATE 2005/05/20	TITLE HDMI RECEPTACLE W/SCREW R/A SMT CUSTOMER DRAWING				
			4 PLACES	± ---	± ---	CHECKED BY	DATE					
			3 PLACES	± ---	± ---	GRATE MA	2005/05/20					
			2 PLACES	± 0.20	± ---	APPROVED BY	DATE	MOLEX INCORPORATED				
			1 PLACE	± 0.30	± ---	XJ SONG	2010/01/26					
			ANGULAR ± 2 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-47266-001		2 OF 2			
REV	SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										