This document was generated on 05/19/2010

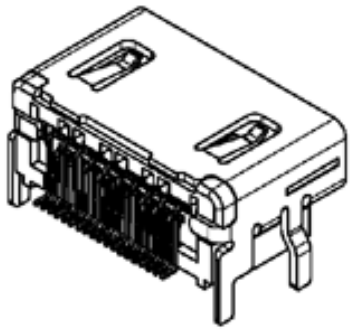
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0472662101

Status: Active

Overview: high_definition_multimedia_interface_hdmi

Description: 0.50mm (.020") Pitch HDMI* Receptacle, Right Angle, Black, Through Hole Shell Tab Length 1.90mm (.075"), 0.25µm (10µ") Gold (Au) Plating, Matt Tin Plated Shell, without Flange, Tape on Reel, Lead Free



Series image - Reference only

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	Without 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	Black
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	Embossed Tape on Reel
Panel Mount	No
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

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Not Reviewed
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

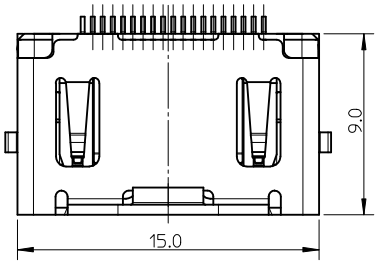
Current - Maximum per Contact	0.5A
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	40V DC

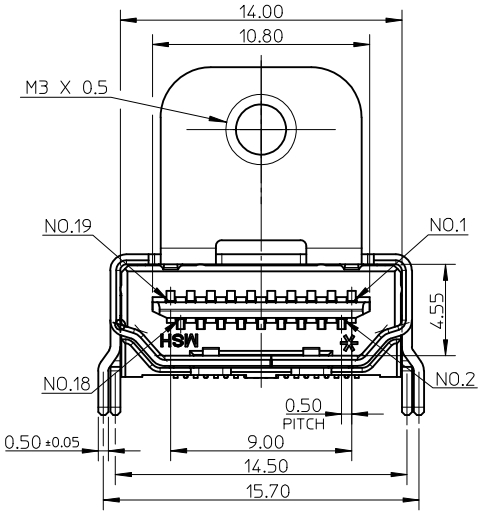
Material Info

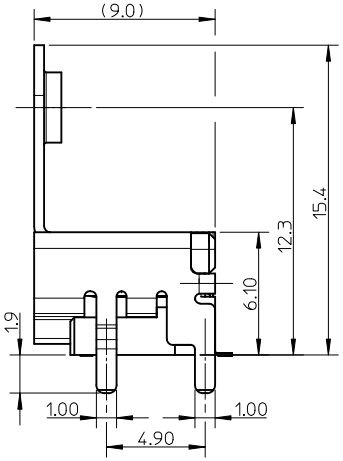
Reference - Drawing Numbers

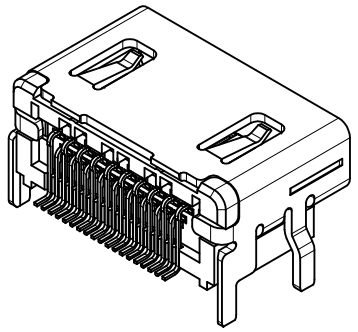
Packaging Specification	PK-47266-001
Product Specification	PS-47152-001
Sales Drawing	SD-47266-001

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

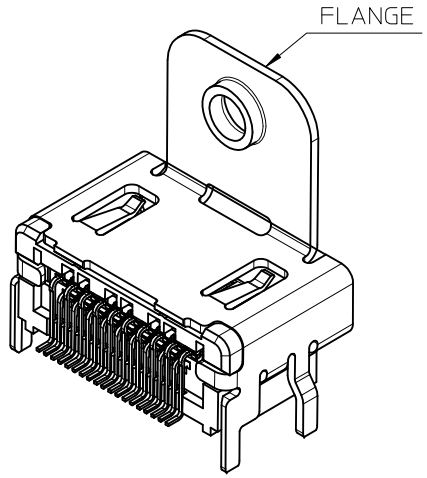




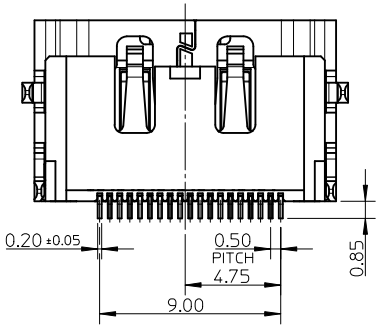




WITHOUT FLANGE



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.

REVISED
EC NO: SH2010-0165 2009/11/03
DRWN:XOZHANG 2009/11/03
CH'KD:GLI 2010/01/28
APPR:XJSONG
DESCRIPTION
REV: H

QUALITY SYMBOLS
F_W=0
F_C=0
F_P=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.20	± ---
1 PLACE	± 0.30	± ---
ANGULAR ± 2 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: ROST ZHANG DATE: 2005/05/20
CHECKED BY: GRATE MA DATE: 2005/05/20
APPROVED BY: XJSONG DATE: 2010/01/26

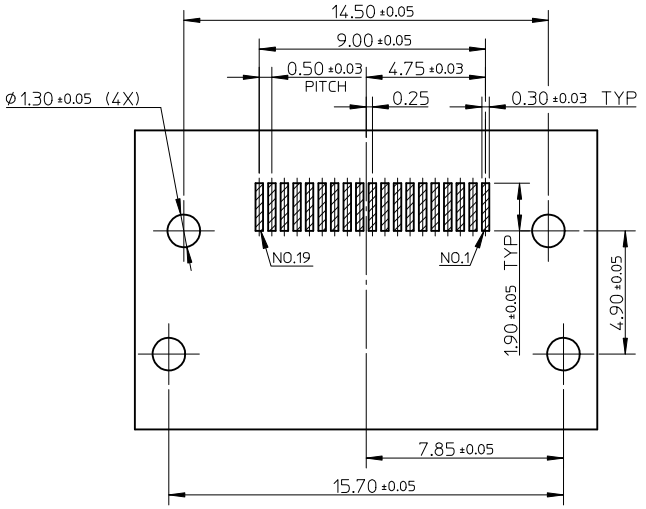
TITLE: HDMI RECEPTACLE W/SCREW R/A SMT CUSTOMER DRAWING

MOLEX INCORPORATED

MATERIAL NO.: SEE SHEET 2
DOCUMENT NO.: SD-47266-001
SHEET NO.: 1 OF 2
SIZE: A3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

P/N	HOUSING COLOR	CONTACT AREA PLATING	SHELL PLATING	REMARK	PACKAGE SPECIFICATION
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)			



RECOMMEND PCB LAYOUT

CONNECTOR SIDE VIEW

SEE SHEET 1
EC NO: SH2010-0165 2009/11/03
DRWN:XOZHANG 2009/11/03
CH'KD:GLLI 2010/01/28
APPR:XJSONG
DESCRIPTION
REV H

QUALITY SYMBOLS
$\sqrt{E_A}$=0
$\sqrt{E_C}$=0
$\sqrt{E_P}$=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

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1 PLACE	± 0.30	± ---
ANGULAR ± 2 °		

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DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
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DRAWN BY: ROST ZHANG DATE: 2005/05/20
CHECKED BY: GRATE MA DATE: 2005/05/20
APPROVED BY: XJSONG DATE: 2010/01/26
MATERIAL NO.: SEE TABLE

TITLE: HDMI RECEPTACLE W/SCREW R/A SMT CUSTOMER DRAWING

MOLEX INCORPORATED

DOCUMENT NO.: SD-47266-001
SHEET NO.: 2 OF 2

SIZE: A3

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