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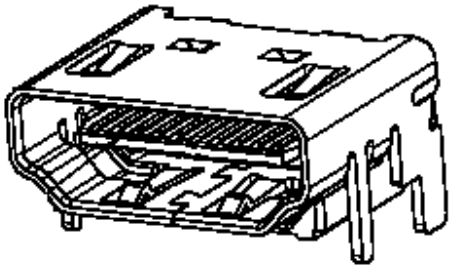
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0471510051

Status: Active

Overview: high_definition_multimedia_interface_hdmi

Description: 0.50mm (.020") Pitch HDMI* Receptacle, Right Angle, Gold (Au) Flash, Front Solder Tab Length 1.80mm (.071"), Shell Nickel (Ni) Plated, without Back Cover, Black Housing, Tape and Reel Package, 19 Circuits, 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	47151
Application	Wire-to-Board
Component Type	Receptacle
Overview	high_definition_multimedia_interface_hdmi
Product Name	HDMI
Type	N/A

Physical

Boot Color	N/A
Circuits (Loaded)	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
Number of Rows	2
Orientation	Right Angle
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Panel Mount	Without Flange
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)	2
Plating min: Mating (µm)	0.05
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

Current - Maximum per Contact	.5A
Shielded	Yes
Voltage - Maximum	40V DC

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

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
47151Series

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

Solder Process Data

Duration at Max. Process Temperature (seconds)	3
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	2
Process Temperature max. C	250

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-47151-001
Product Specification	PS-47152-001
Sales Drawing	SD-47151-001

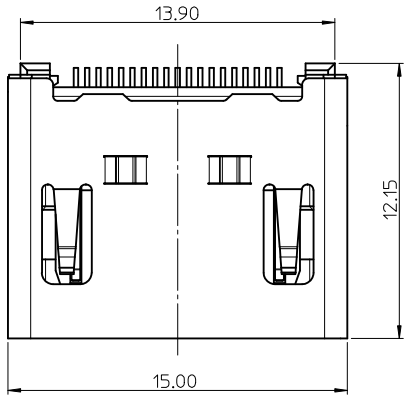
* High Definition Multimedia Interface and HDMI are trademarks of HDMI Licensing, LLC.

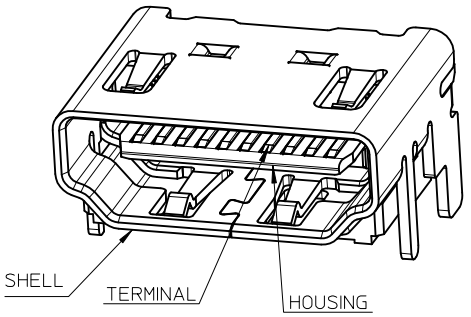
This document was generated on 05/25/2010

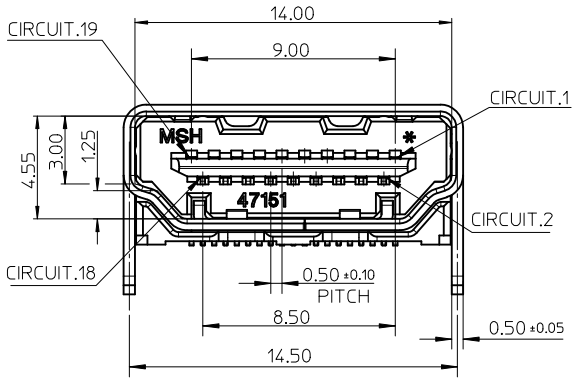
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

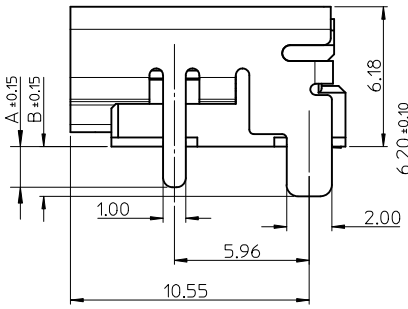
NOTES:

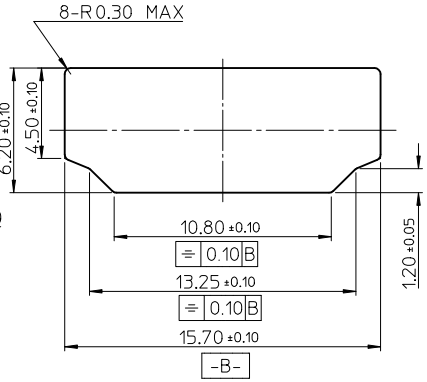
1. MATERIAL:
   HOUSING: THERMOPLASTIC . COLOR: SEE TABLE.
   SHELL: COPPER ALLOY.
   TERMINAL: COPPER ALLOY.
2. PLATING:
   TERMINAL:
   CONTACT AREA: (1) 0.76 MICROMETER MIN. GOLD PLATING.
   (2) 0.25 MICROMETER MIN. GOLD PLATING.
   (3) GOLD FLASH.
   (4) 0.375 MICROMETER MIN. GOLD PLATING.
   SOLDER AREA: 1 MICROMETER MIN. TIN-BISMUTH ALLOY PLATED.
   UNDER PLATE: 1.27 MICROMETER MIN. NICKEL.
   SHELL: (a) 1.27 MICROMETER MIN. SOLDERABLE NICKEL PLATE OVERALL.
   (b) GOLD FLASH PLATING OVER 1.27 MICROMETER MIN.
   NICKEL PLATING OVERALL.
3. COPLANARITY IS 0.1MM MAX.
4. PRODUCT SPECIFICATION REFER TO PS-47152-001.
5. PACKAGE SPECIFICATION FOR WITHOUT FLANGE REFER TO PK-47151-001.
6. PRODUCT COMPLIANT TO RoHS DEIRECTIVE 2002/95/EC AND ELV DIRECTIVE 2000/53/EC



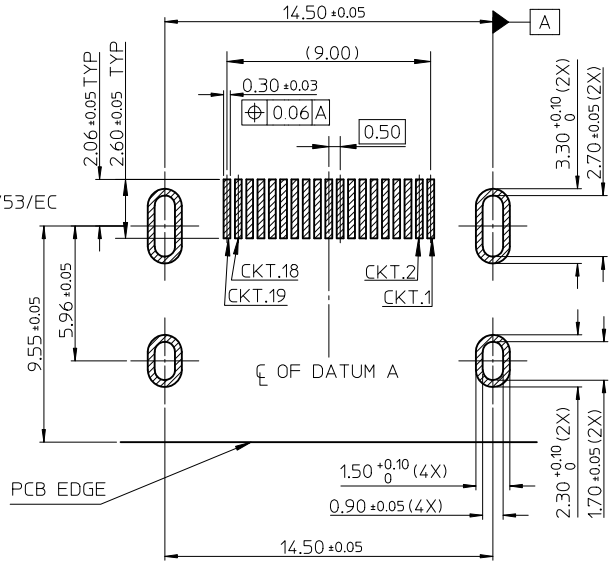




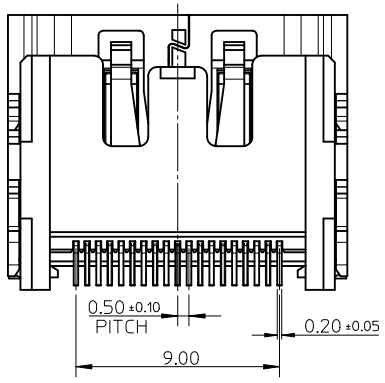




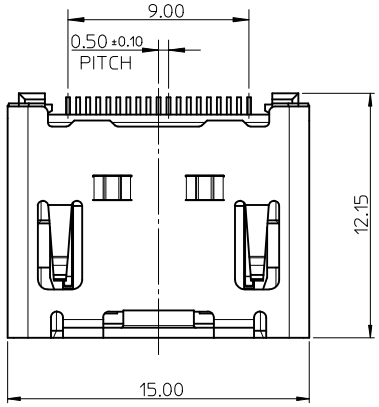
RECOMMENDED PANEL CUT OUT DIMENSION

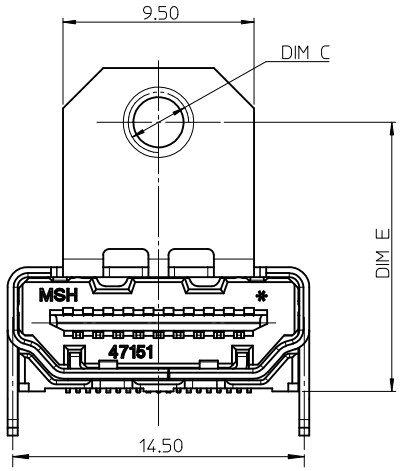


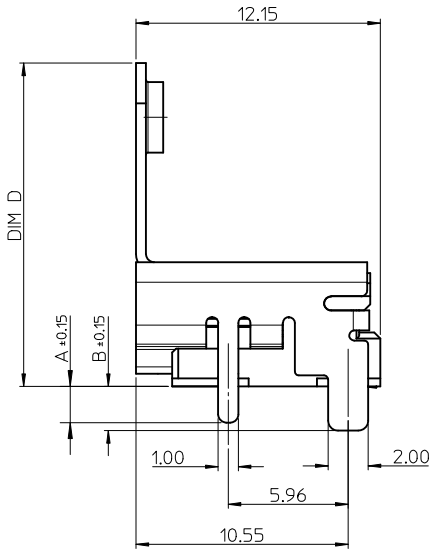
RECOMMENDED PCB LAYOUT
CONNECTOR SIDE

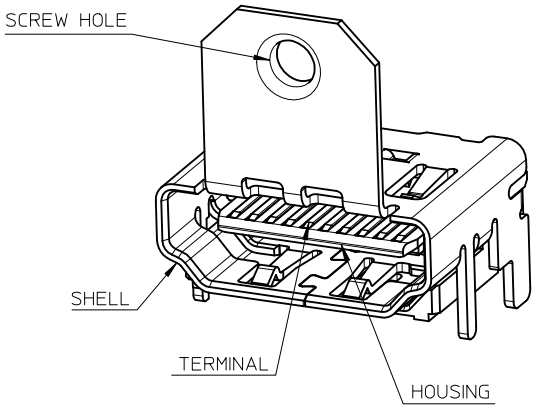


ADD PART NUMBER EC NO: SH2010-0164 2009/10/20 DRWN:XQZHANG 2009/10/21 CH'KD:GLI 2009/11/30 APPR:XJSONG	DESCRIPTION	QUALITY SYMBOLS FA=0 FC=0 FP=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm / INCH 4 PLACES ± --- / ± --- 3 PLACES ± --- / ± --- 2 PLACES ± 0.25 / ± --- 1 PLACE ± 0.25 / ± --- ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE: MM ONLY DRAWN BY: RZHANG DATE: 2004/07/20 CHECKED BY: GRMA DATE: 2004/07/20 APPROVED BY: YTYAP DATE: 2004/07/20 MATERIAL NO.: SEE SHEET 6	SCALE: 5:1 DESIGN UNITS: METRIC THIRD ANGLE PROJECTION TITLE: 1.0 HDMI RIGHT ANGLE HEADER ASSEMBLY(19 PIN) LEAD FREE MOLEX INCORPORATED DOCUMENT NO.: SD-47151-001 SHEET NO.: 1 OF 8 SIZE: A3
REV					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION









NOTES:

1. THE UNSPECIFIED DIMENSIONS REFER TO SHEET 1.
2. PACKAGE SPECIFICATION FOR WITH FLANGE REFER TO PK-47151-002.

SEE SHEET 1
EC NO: SH2010-0164 2009/10/20
DRWN:XQZHANG 2009/10/21
CH'KD:GLLI 2009/11/30
APPR:XJSONG
DESCRIPTION
REV

QUALITY SYMBOLS
$\sqrt{F_A}$=0
$\sqrt{F_C}$=0
$\sqrt{F_B}$=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 5:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	RZHANG	2004/07/20
CHECKED BY	GRMA	2004/07/20
APPROVED BY	YTYAP	2004/07/20

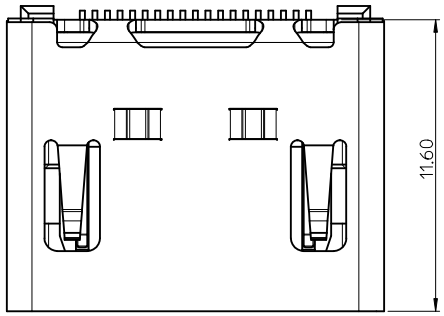
TITLE: 1.0 HDMI RIGHT ANGLE HEADER ASSEMBLY(19 PIN) LEAD FREE

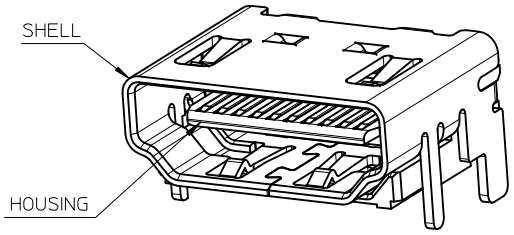
molex MOLEX INCORPORATED

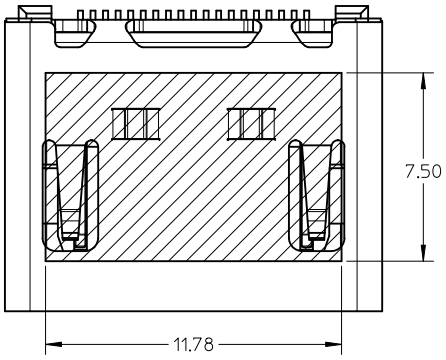
MATERIAL NO.: SEE SHEET 6
DOCUMENT NO.: SD-47151-001
SHEET NO.: 2 OF 8
SIZE: A3

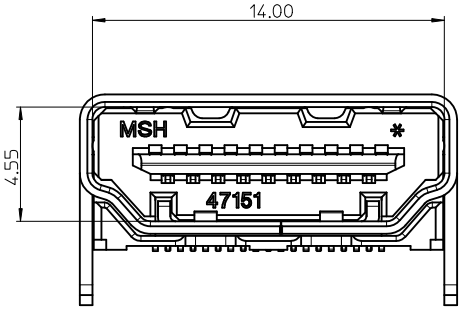
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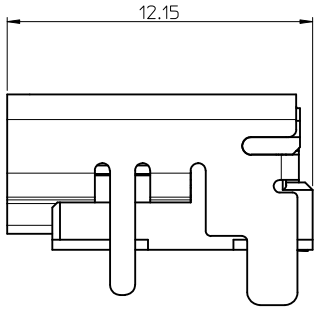
WITH BACK COVER

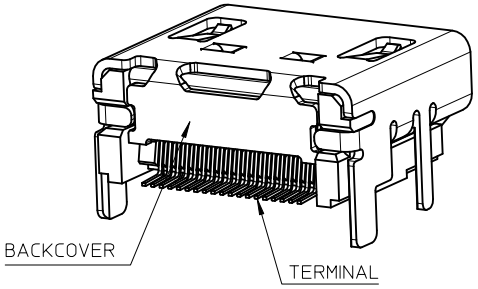


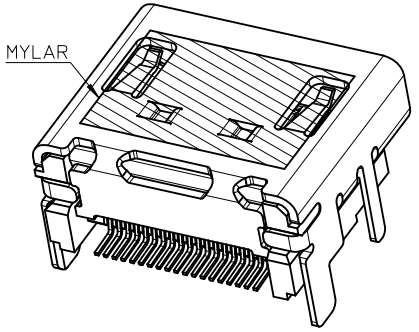












NOTES:

1. THE UNSPECIFIED DIMENSIONS REFER TO 47151-0001.
2. PACKAGE SPECIFICATION FOR WITHOUT FLANGE REFER TO PK-47151-001.

THIS IS ONLY FOR 47151-1061/1071/1081

SEE SHEET 1
EC NO: SH2010-0164 2009/10/20
DRWN:XQZHANG 2009/10/21
CHKD:GLI I
APPR:XJSONG 2009/11/30
DESCRIPTION
REV

QUALITY SYMBOLS
$\sqrt{F_A}$=0
$\sqrt{F_C}$=0
$\sqrt{F_P}$=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 5:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	RZHANG	2004/07/20
CHECKED BY	GRMA	2004/07/20
APPROVED BY	YTYAP	2004/07/20

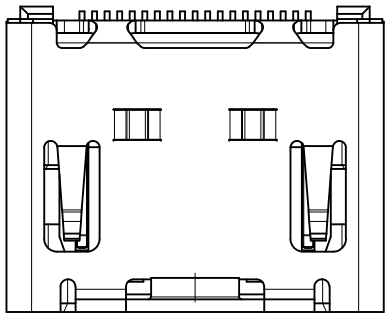
TITLE: 1.0 HDMI RIGHT ANGLE HEADER ASSEMBLY(19 PIN) LEAD FREE

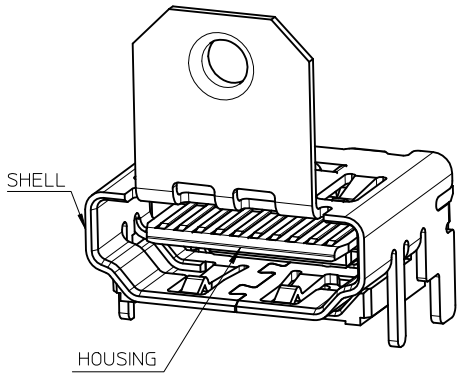
MOLEX INCORPORATED

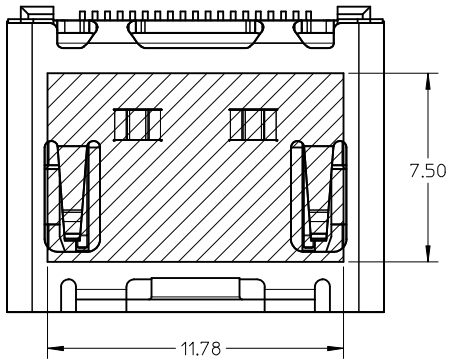
MATERIAL NO.: SEE SHEET 7
DOCUMENT NO.: SD-47151-001
SHEET NO.: 3 OF 8
SIZE: A3

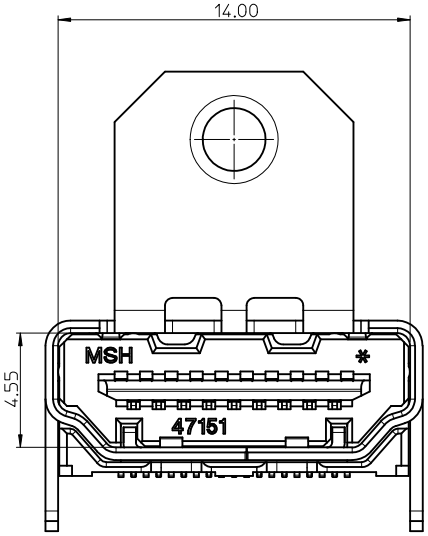
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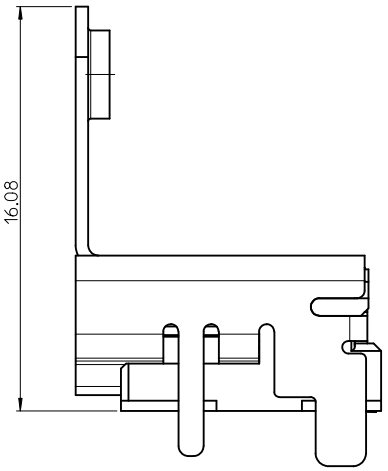
WITH BACK COVER

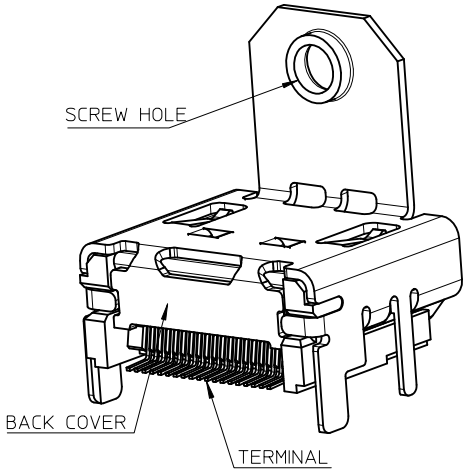


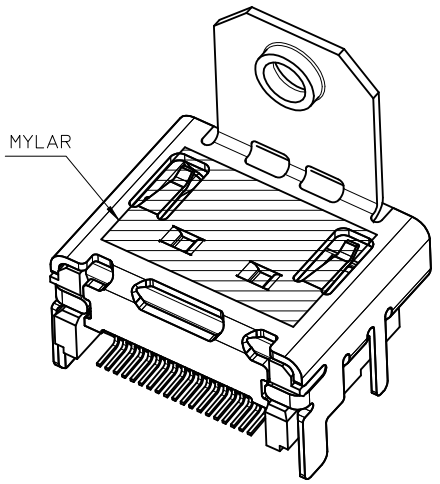












THIS IS ONLY FOR

47151-1025/1075/1085/6022/6032/1026/2062

NOTES:

1. THE UNSPECIFIED DIMENSIONS REFER TO 47151-0002.
2. PACKAGE SPECIFIACTION FOR WITH FLANGE:
   OPTION 1: 47151-1026/2062/6032 REFER TO PK-47151-005,
   OPTION 2: 47151-1102 REFER TO PK-47151-003,
   OPTION 3: OTHER PART NUMBER REFER TO PK-47151-002.

SEE SHEET 1
EC NO: SH2010-0164 2009/10/20
DRWN:XQZHANG 2009/10/21
CH'KD:GLI
APPR:XJSONG 2009/11/30
DESCRIPTION
REV

QUALITY SYMBOLS
$\boxed{E_A}$=0
$\boxed{E_C}$=0
$\boxed{E_B}$=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 5:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

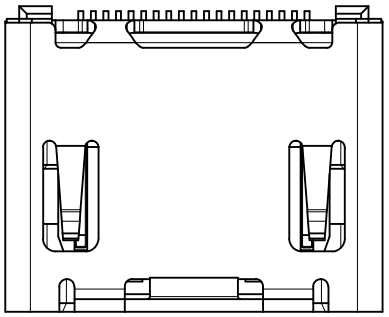
DRAWN BY: RZHANG DATE: 2004/07/20
CHECKED BY: GRMA DATE: 2004/07/20
APPROVED BY: YTYAP DATE: 2004/07/20

TITLE: 1.0 HDMI RIGHT ANGLE HEADER ASSEMBLY(19 PIN) LEAD FREE

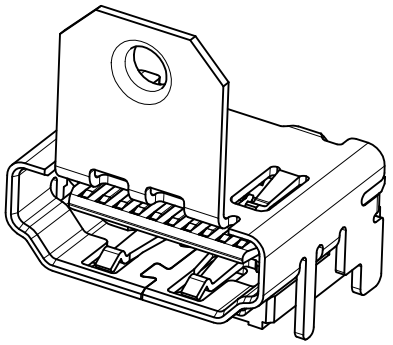
MOLEX INCORPORATED

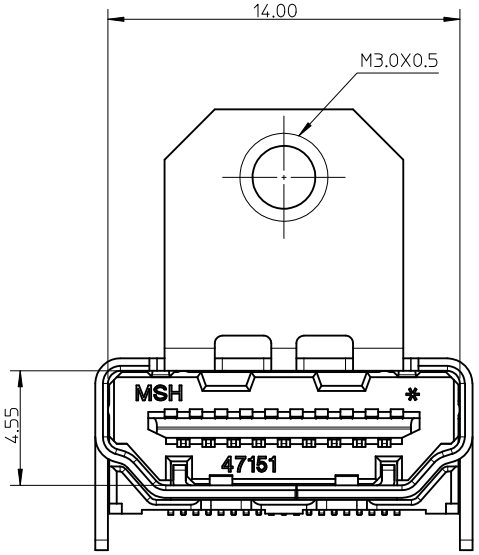
MATERIAL NO.: SEE SHEET 8
DOCUMENT NO.: SD-47151-001
SHEET NO.: 4 OF 8
SIZE: A3

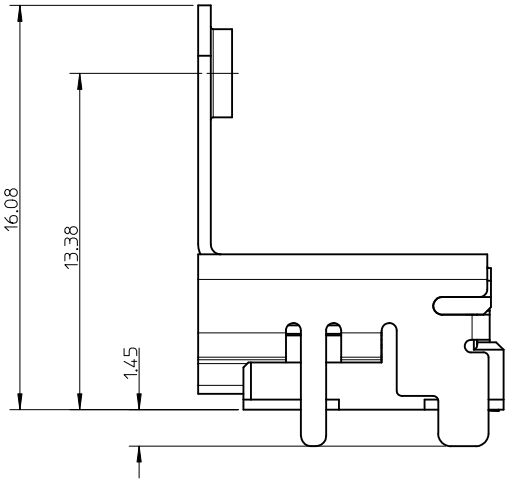
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

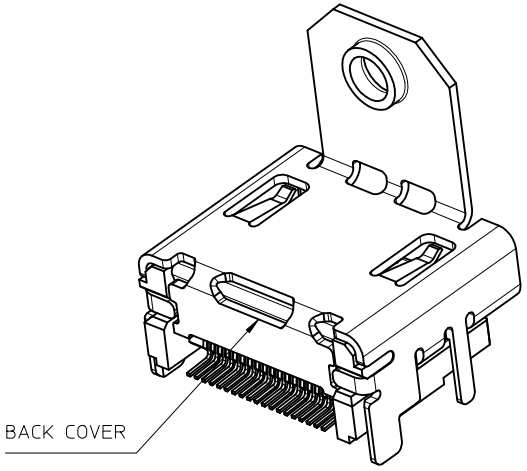


WITHOUT TOP HOLE









NOTES:

1. THE UNSPECIFIED DIMENSIONS REFER TO 47151-1102.
2. PACKAGE SPECIFIACTION FOR WITH FLANGE REFER TO PK-47151-002.

SEE SHEET 1		
EC NO: SH2010-0164	2009/10/20	
DRWN:XOZHANG	2009/10/21	
CH'KD:GLLI	2009/11/30	
APPR:XJSONG		
DESCRIPTION		
REV		

QUALITY SYMBOLS

FA=0

FC=0

FF=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	MM ONLY
SCALE	5:1
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY	RZHANG
DATE	2004/07/20
CHECKED BY	GRMA
DATE	2004/07/20
APPROVED BY	YTYAP
DATE	2004/07/20
MATERIAL NO.	SEE SHEET 7
TITLE	1.0 HDMI RIGHT ANGLE HEADER ASSEMBLY(19 PIN) LEAD FREE
	MOLEX INCORPORATED
DOCUMENT NO.	SD-47151-001
SHEET NO.	5 OF 8
SIZE	A3

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

ASSEMBLY P/N	DIMENSION					FEATURE				HOUSING COLOUR	GOLD PLATING IN CONACT AREA	SHELL PLATING	REMARK
	DIM A	DIM B	DIM C	DIM D	DIM E	FLANGE	BACK COVER	TOP HOLES	MYLAR				
47151-0001	1.80	2.20	/	/	/	W/O	W/O	WITH	W/O	BLACK	SEE NOTE 2 (1)	SEE NOTE 2 (a)	FOR SHEET 1
47151-0041											SEE NOTE 2 (2)		
47151-0051											SEE NOTE 2 (3)		
47151-0011										NATURE	SEE NOTE 2 (1)		
47151-0071											SEE NOTE 2 (2)		
47151-0061											SEE NOTE 2 (3)		
47151-0021										BLACK	SEE NOTE 2 (1)	SEE NOTE 2 (b)	
47151-0031										NATURE	SEE NOTE 2 (1)		
47151-0101	1.45	1.45	/	/	/	W/O	W/O	WITH	W/O	BLACK	SEE NOTE 2 (1)	SEE NOTE 2 (a)	
47151-0141											SEE NOTE 2 (2)		
47151-0151											SEE NOTE 2 (3)		
47151-0111										NATURE	SEE NOTE 2 (1)		
47151-0181											SEE NOTE 2 (2)		
47151-0161											SEE NOTE 2 (3)		
47151-0121										BLACK	SEE NOTE 2 (1)	SEE NOTE 2 (b)	
47151-0131										NATURE	SEE NOTE 2 (1)		
47151-0002	1.80	2.20	M3.0X0.5	16.08	13.38	WITH	W/O	WITH	W/O	BLACK	SEE NOTE 2 (1)	SEE NOTE 2 (a)	FOR SHEET 2
47151-0042											SEE NOTE 2 (2)		
47151-0062											SEE NOTE 2 (3)		
47151-0012										NATURE	SEE NOTE 2 (1)		
47151-0052											SEE NOTE 2 (2)		
47151-0072											SEE NOTE 2 (3)		
47151-0022										BLACK	SEE NOTE 2 (1)	SEE NOTE 2 (b)	
47151-0032										NATURE	SEE NOTE 2 (1)		
47151-0102	1.45	1.45	M3.0X0.5	16.08	13.38	WITH	W/O	WITH	W/O	BLACK	SEE NOTE 2 (1)	SEE NOTE 2 (a)	
47151-0142											SEE NOTE 2 (2)		
47151-0162											SEE NOTE 2 (3)		
47151-0112										NATURE	SEE NOTE 2 (1)		
47151-0152											SEE NOTE 2 (2)		
47151-0172											SEE NOTE 2 (3)		
47151-0122										BLACK	SEE NOTE 2 (1)	SEE NOTE 2 (b)	
47151-0132										NATURE	SEE NOTE 2 (1)		
47151-6002	1.80	2.20	M3.0X0.5	14.25	11.28	WITH	W/O	WITH	W/O	BLACK	SEE NOTE 2 (1)	SEE NOTE 2 (a)	
47151-6062											SEE NOTE 2 (2)		
47151-6082											SEE NOTE 2 (3)		
47151-6102	1.45	1.45	M3.0X0.5	14.25	11.28	WITH	W/O	WITH	W/O	BLACK	SEE NOTE 2 (1)		
47151-6172											SEE NOTE 2 (2)		
47151-6162											SEE NOTE 2 (3)		

SEE SHEET 1
EC NO: SH2010-0164 2009/10/20
DRWN:XQZHANG 2009/10/21
CHKD:GLI 2009/11/30
APPR:XJSONG
DESCRIPTION
REV

QUALITY SYMBOLS
$\sqrt{F_A}=0$
$\sqrt{F_C}=0$
$\sqrt{F_P}=0$

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

DRAWN BY: RZHANG DATE: 2004/07/20
CHECKED BY: GRMA DATE: 2004/07/20
APPROVED BY: YTYAP DATE: 2004/07/20

TITLE: 1.0 HDMI RIGHT ANGLE HEADER ASSEMBLY(19 PIN) LEAD FREE

MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-47151-001
SHEET NO.: 6 OF 8
SIZE: A3

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

ASSEMBLY P/N	DIMENSION					FEATURE				HOUSING COLOUR	GOLD PLATING IN CONACT AREA	SHELL PLATING	REMARK
	DIM A	DIM B	DIM C	DIM D	DIM E	FLANGE	BACK COVER	TOP HOLES	MYLAR				
47151-1001	1.80	2.20	/	/	/	W/O	WITH	WITH	W/O	BLACK	SEE NOTE 2 (1)	SEE NOTE 2 (a)	FOR SHEET 3
47151-1041											SEE NOTE 2 (2)		
47151-1051											SEE NOTE 2 (3)		
47151-1003											SEE NOTE 2 (4)		
47151-1061									WITH	BLACK	SEE NOTE 2 (1)		
47151-1071											SEE NOTE 2 (2)		
47151-1081											SEE NOTE 2 (3)		
47151-1011									W/O	NATURE	SEE NOTE 2 (1)		
47151-1211											SEE NOTE 2 (2)		
47151-1311											SEE NOTE 2 (3)		
47151-1021										BLACK	SEE NOTE 2 (1)	SEE NOTE 2 (b)	
47151-1091											SEE NOTE 2 (3)		
47151-1031										NATURE	SEE NOTE 2 (1)		
47151-1101	1.45	1.45	/	/	/	W/O	WITH	WITH	W/O	BLACK	SEE NOTE 2 (1)	SEE NOTE 2 (a)	
47151-1141											SEE NOTE 2 (2)		
47151-1151											SEE NOTE 2 (3)		
47151-1111										NATURE	SEE NOTE 2 (1)		
47151-1161											SEE NOTE 2 (2)		
47151-1171											SEE NOTE 2 (3)		
47151-1121										BLACK	SEE NOTE 2 (1)	SEE NOTE 2 (b)	
47151-1131										NATURE	SEE NOTE 2 (1)		
47151-7102	1.45	1.45	M3.0X0.5	16.08	13.38	WITH	WITH	W/O	W/O	BLACK	SEE NOTE 2 (1)	SEE NOTE 2 (a)	FOR SHEET 5
47151-7142											SEE NOTE 2 (2)		
47151-7162											SEE NOTE 2 (3)		

SEE SHEET 1
EC NO: SH2010-0164 2009/10/20
DRWN:XQZHANG 2009/10/21
CH'KD:GLLI 2009/11/30
APPR:XJSONG
DESCRIPTION
REV

QUALITY SYMBOLS
F_W=0
F_C=0
F_P=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

DRAWN BY: RZHANG DATE: 2004/07/20
CHECKED BY: GRMA DATE: 2004/07/20
APPROVED BY: YTYAP DATE: 2004/07/20

TITLE: 1.0 HDMI RIGHT ANGLE HEADER ASSEMBLY(19 PIN) LEAD FREE

MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-47151-001
SHEET NO.: 7 OF 8
SIZE: A3

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ASSEMBLY P/N	DIMENSION					FEATURE				HOUSING COLOUR	GOLD PLATING IN CONACT AREA	SHELL PLATING	REMARK
	DIM A	DIM B	DIM C	DIM D	DIM E	FLANGE	BACK COVER	TOP HOLES	MYLAR				
47151-1002	1.80	2.20	M3.0X0.5	16.08	13.38	WITH	WITH	WITH	W/O	BLACK	SEE NOTE 2 (1)	SEE NOTE 2 (a)	FOR SHEET 4
47151-1042											SEE NOTE 2 (2)		
47151-1052											SEE NOTE 2 (3)		
47151-1062											SEE NOTE 2 (4)		
47151-2062									WITH	BLACK	SEE NOTE 2 (4)		
47151-1012									W/O	NATURE	SEE NOTE 2 (1)		
47151-1072											SEE NOTE 2 (2)		
47151-1082											SEE NOTE 2 (3)		
47151-1022										BLACK	SEE NOTE 2 (1)	SEE NOTE 2 (b)	
47151-1032										NATURE	SEE NOTE 2 (1)		
47151-1102	1.45	1.45	M3.0X0.5	16.08	13.38	WITH	WITH	WITH	W/O	BLACK	SEE NOTE 2 (1)	SEE NOTE 2 (a)	
47151-1142											SEE NOTE 2 (2)		
47151-1152											SEE NOTE 2 (3)		
47151-1112										NATURE	SEE NOTE 2 (1)		
47151-1162											SEE NOTE 2 (2)		
47151-1172											SEE NOTE 2 (3)		
47151-1122										BLACK	SEE NOTE 2 (1)	SEE NOTE 2 (b)	
47151-1132										NATURE	SEE NOTE 2 (1)		
47151-1005	1.80	2.20	4-40	16.08	13.38	WITH	WITH	WITH	W/O	BLACK	SEE NOTE 2 (1)	SEE NOTE 2 (a)	
47151-1045											SEE NOTE 2 (2)		
47151-1065											SEE NOTE 2 (3)		
47151-1015										NATURE	SEE NOTE 2 (1)		
47151-1035											SEE NOTE 2 (2)		
47151-1055											SEE NOTE 2 (3)		
47151-1025									WITH	BLACK	SEE NOTE 2 (1)		
47151-1075											SEE NOTE 2 (2)		
47151-1085											SEE NOTE 2 (3)		
47151-1026											SEE NOTE 2 (1)		
47151-6012	1.80	2.20	M3.0X0.5	14.25	11.28	WITH	WITH	WITH	W/O	BLACK	SEE NOTE 2 (1)	SEE NOTE 2 (a)	
47151-6042											SEE NOTE 2 (2)		
47151-6052											SEE NOTE 2 (3)		
47151-6022									WITH	BLACK	SEE NOTE 2 (1)		
47151-6032											SEE NOTE 2 (3)		
47151-6112	1.45	1.45							W/O	BLACK	SEE NOTE 2 (1)		
47151-6142											SEE NOTE 2 (2)		
47151-6152											SEE NOTE 2 (3)		

SEE SHEET 1
EC NO: SH2010-0164 2009/10/20
DRWN:XQZHANG 2009/10/21
CH'KD:GLI 2009/11/30
APPR:XJSONG
DESCRIPTION
REV

QUALITY SYMBOLS
$\sqrt{F_A}$=0
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$\sqrt{F_P}$=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

	DRAWN BY	DATE
	RZHANG	2004/07/20
	CHECKED BY	DATE
	GRMA	2004/07/20
	APPROVED BY	DATE
	YTYAP	2004/07/20

TITLE: 1.0 HDMI RIGHT ANGLE HEADER ASSEMBLY(19 PIN) LEAD FREE

MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-47151-001
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SIZE: A3

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