

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0471511025

Status:

Active

Overview:

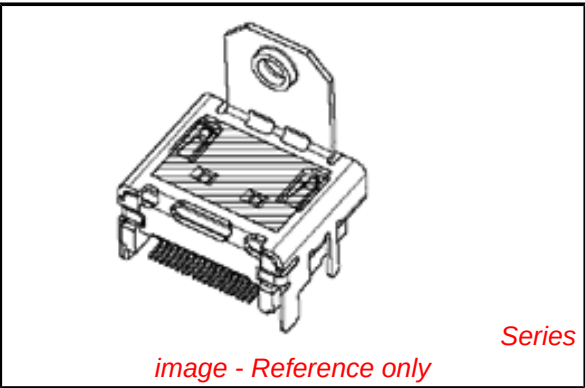
high_definition_multimedia_interface_hdmi

Description:

0.50mm (.020") Pitch HDMI* Receptacle, Right Angle, 0.76µm (30µ") Gold (Au) Plating, Front Solder Tab Length 1.80mm (.071"), Shell Nickel (Ni) Plated, with Flange and Back Cover and Mylar, Black Housing, Tray Packaging, Lead Free

Documents:	
3D Model	Product Specification PS-47152-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

General	
Product Family	I/O Connectors
Series	47151
Application	Wire-to-Board
Comments	With Mylar
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	Tray
Panel Mount	With 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)	30
Plating min: Mating (µm)	0.76
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



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

Voltage - Maximum	40V DC
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Solder Process Data

Duration at Max. Process Temperature (seconds)	2
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	2
Process Temperature max. C	245

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-47151-002
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

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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.

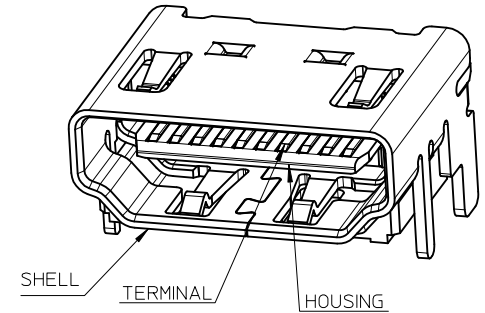
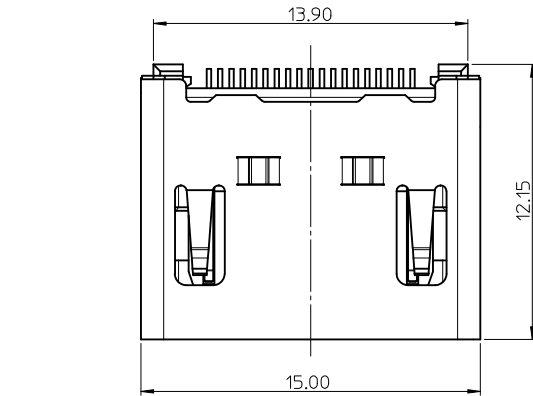
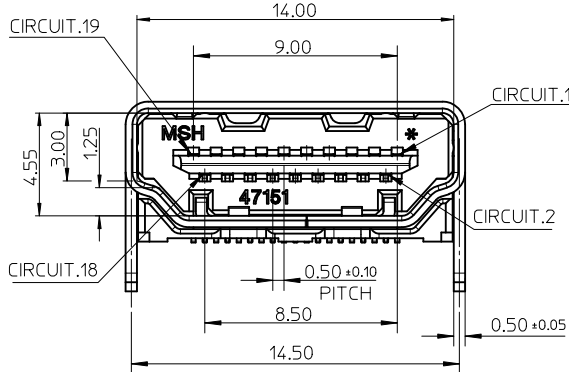
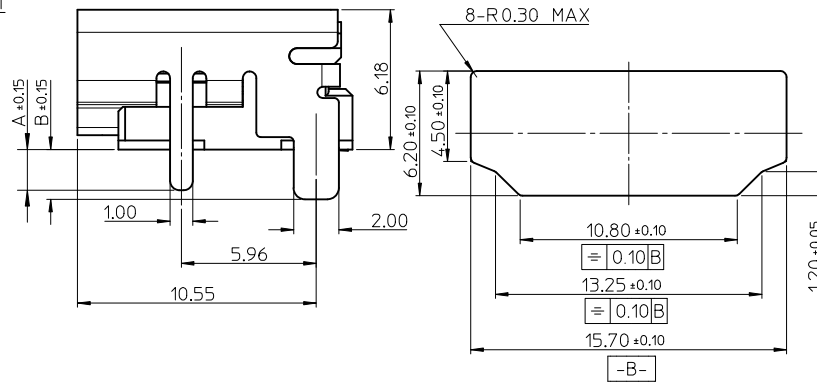
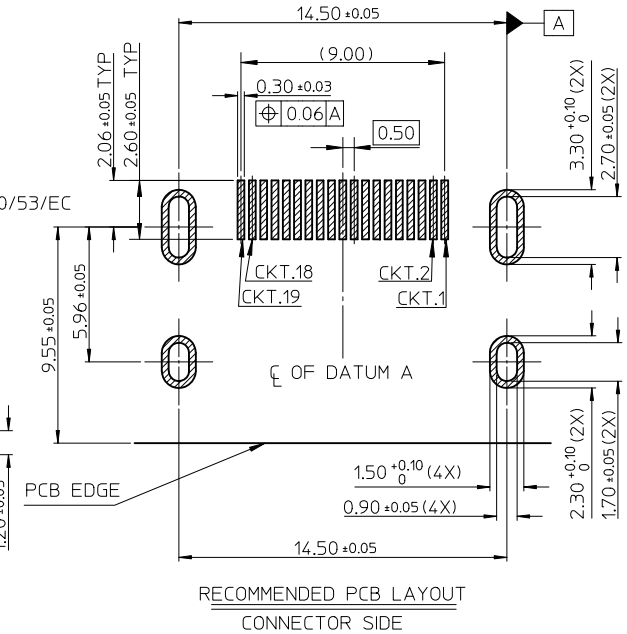
NICKEL PLATING OVERALL.

3. COPLANARITY IS 0.1MM MAX.

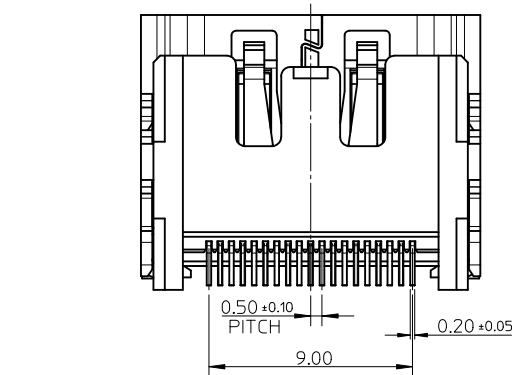
4. PRODUCT SPECIFICATION REFER TO PS-47152-001.

5. PACKAGE SPECIFICATION FOR WITHOUT FLANGE REFER TO PK-47151-001.

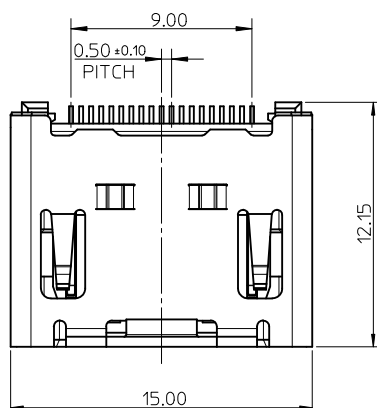
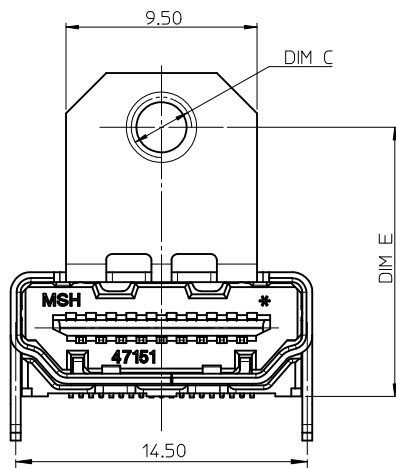
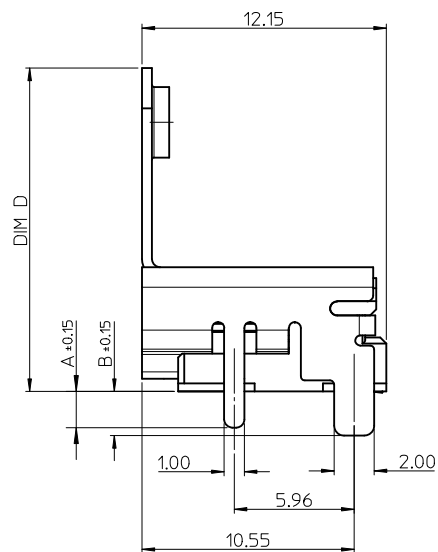
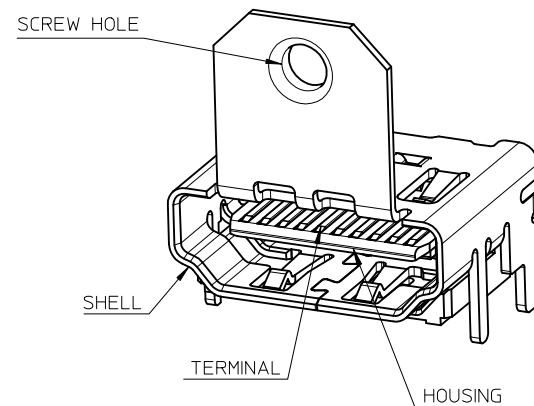
6. PRODUCT COMPLIANT TO RoHS DEIRECTIVE 2002/95/EC AND ELV DIRECTIVE 2000/53/EC



RECOMMENDED PANEL CUT OUT DIMENSION



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

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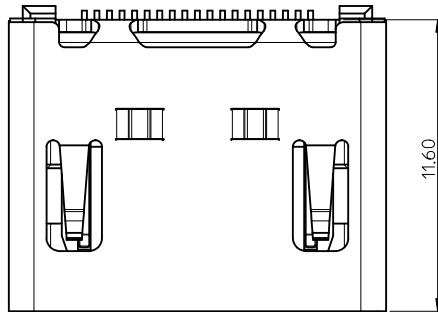
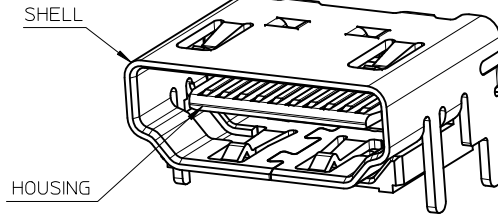
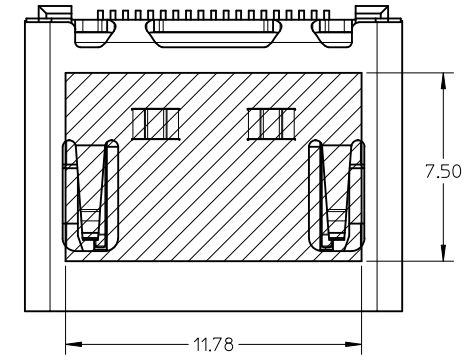
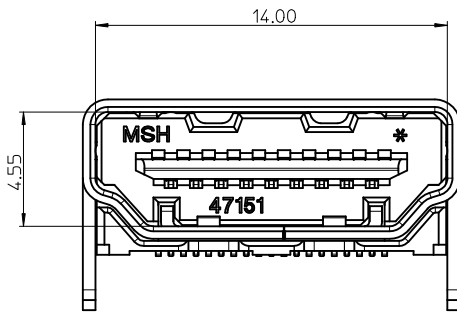
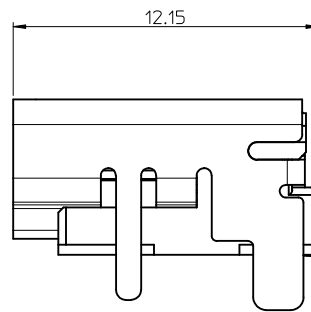
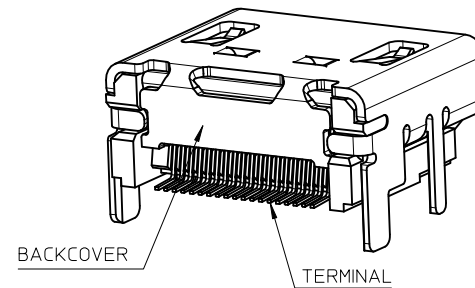
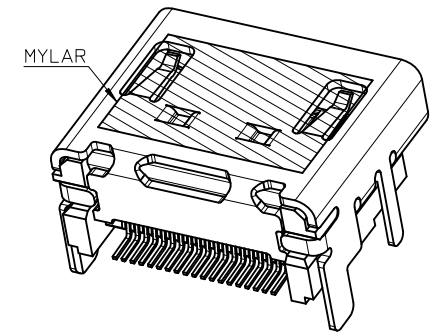
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WITH BACK COVER



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 DRWN:XQZHANG CHKD:GLLI APPR:XJSONG	DESCRIPTION REV	QUALITY SYMBOLS <div><div><div>FA=0</div><div>FC=0</div><div>FP=0</div></div></div>	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY RZHANG	DATE 2004/07/20	TITLE 1.0 HDMI RIGHT ANGLE HEADER ASSEMBLY(19 PIN) LEAD FREE					
			4 PLACES	± ---	± ---	CHECKED BY GRMA	DATE 2004/07/20						
			3 PLACES	± ---	± ---	APPROVED BY YTYAP		DATE 2004/07/20	MOLEX INCORPORATED				
			2 PLACES	± 0.25	± ---								
			1 PLACE	± 0.25	± ---	MATERIAL NO. SEE SHEET 7		DOCUMENT NO. SD-47151-001	SHEET NO. 3 OF 8				
			ANGULAR ± 3 °										
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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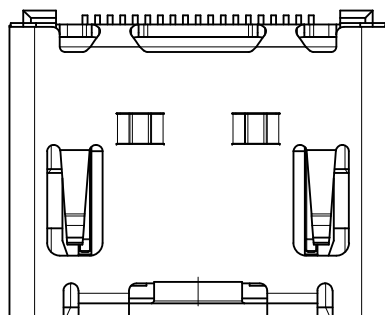
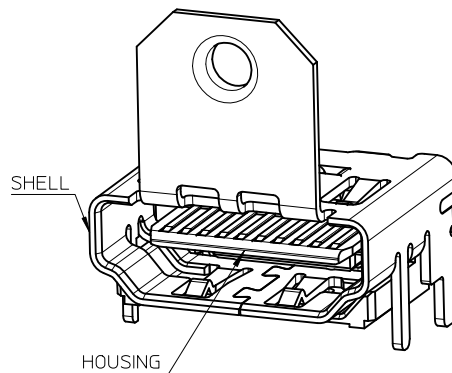
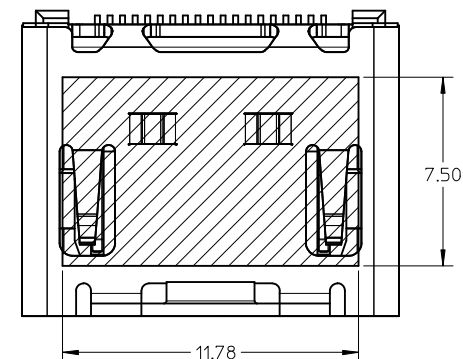
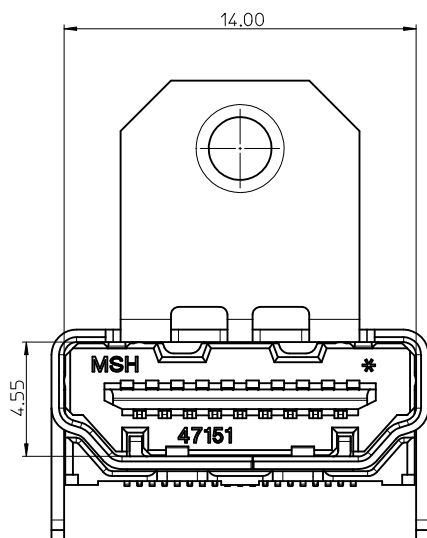
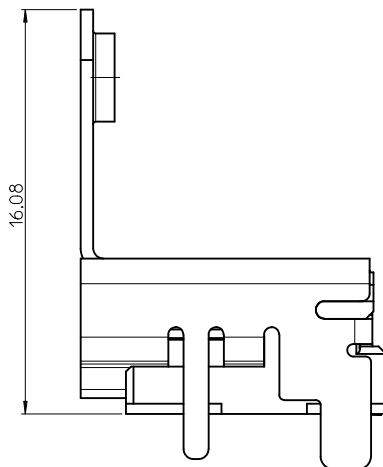
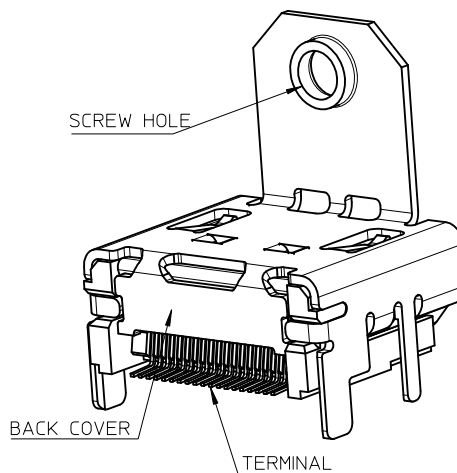
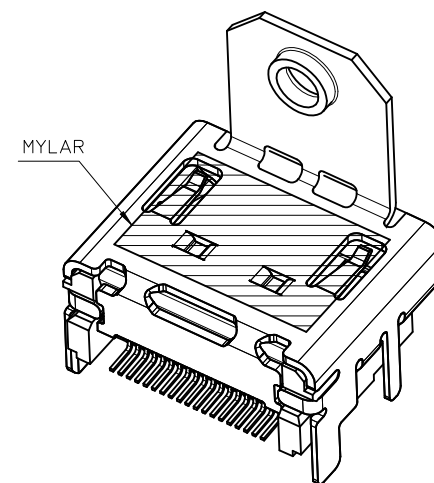
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WITH BACK COVER



THIS IS ONLY FOR
47151-1025/1075/1085/6022/6032/1026/2062

NOTES:

1. THE UNSPECIFIED DIMENSIONS REFER TO 47151-0002.
2. PACKAGE SPECIFICATION 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
DRW:XZhang
CHKD:GLI
2009/10/21
APPR:XJSong
2009/11/30

QUALITY SYMBOLS
F_A=0
F_G=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

DRAWN BY	DATE
RZHANG	2004/07/20
CHECKED BY	DATE
GRMA	2004/07/20
APPROVED BY	DATE
YTYAP	2004/07/20
MATERIAL NO.	

SEE SHEET 8

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
5:1	METRIC	

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

MOLEX INCORPORATED

DOCUMENT NO. SD-47151-001

SHEET NO. 4 OF 8

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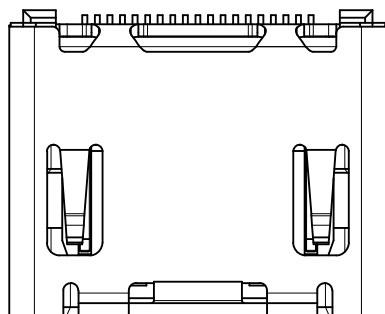
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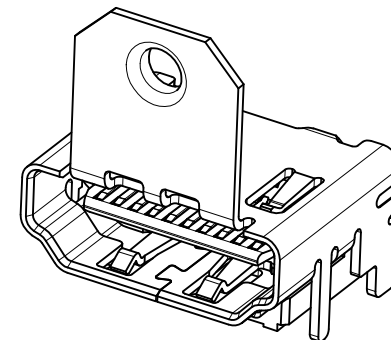
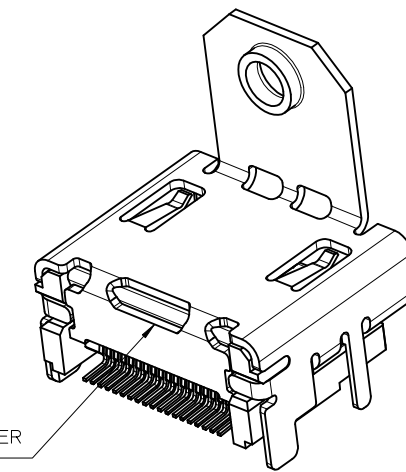
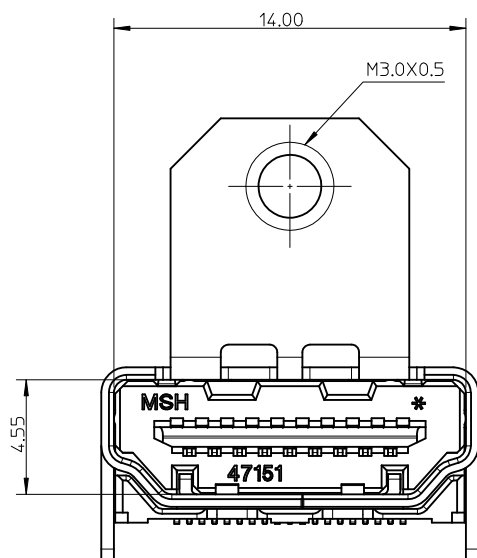
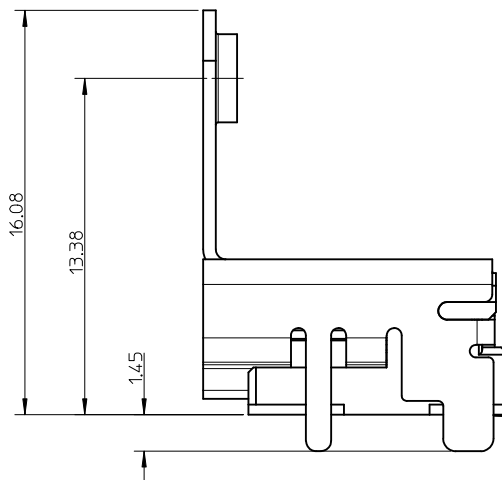
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WITHOUT TOP HOLE



NOTES:

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

SEE SHEET 1	EC NO: SH2010-0164	2009/10/20
	DRWN:XZHANG	2009/10/21
	CHKD:GLI	2009/11/30
	APPR:XJ.SONG	2009/11/30
REV	DESCRIPTION	

QUALITY SYMBOLS

 $\nabla_F = 0$ $\nabla_F = 0$ $\nabla_F = 0$

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	$\pm$ ---	$\pm$ ---
3 PLACES	$\pm$ ---	$\pm$ ---
2 PLACES	± 0.25	$\pm$ ---
1 PLACE	± 0.25	$\pm$ ---

ANGULAR $\pm 3^\circ$ DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONSDIMENSION STYLE
MM ONLY

DRAWN BY	DATE
RZHANG	2004/07/20
CHECKED BY	DATE
GRMA	2004/07/20
APPROVED BY	DATE
YTYAP	2004/07/20
MATERIAL NO.	

SCALE
5:1DESIGN UNITS
METRICTHIRD ANGLE
PROJECTION

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
A3THIS 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																																																																																																																																																																																									
F	<table><tr><th rowspan="2">ASSEMBLY P/N</th><th colspan="5">DIMENSION</th><th colspan="4">FEATURE</th><th rowspan="2">HOUSING COLOUR</th><th rowspan="2">GOLD PLATING IN CONACT AREA</th><th rowspan="2">SHELL PLATING</th><th rowspan="2">REMARK</th></tr><tr><th>DIM A</th><th>DIM B</th><th>DIM C</th><th>DIM D</th><th>DIM E</th><th>FLANGE</th><th>BACK COVER</th><th>TOP HOLES</th><th>MYLAR</th></tr><tr><td>47151-0001</td><td rowspan="8">1.80</td><td rowspan="8">2.20</td><td rowspan="8">/</td><td rowspan="8">/</td><td rowspan="8">/</td><td rowspan="8">W/O</td><td rowspan="8">W/O</td><td rowspan="8">WITH</td><td rowspan="8">W/O</td><td rowspan="3">BLACK</td><td>SEE NOTE 2 (1)</td><td rowspan="3">SEE NOTE 2 (a)</td><td rowspan="16">FOR SHEET 1</td></tr><tr><td>47151-0041</td><td>SEE NOTE 2 (2)</td></tr><tr><td>47151-0051</td><td>SEE NOTE 2 (3)</td></tr><tr><td>47151-0011</td><td rowspan="3">NATURE</td><td>SEE NOTE 2 (1)</td><td rowspan="3">SEE NOTE 2 (a)</td></tr><tr><td>47151-0071</td><td>SEE NOTE 2 (2)</td></tr><tr><td>47151-0061</td><td>SEE NOTE 2 (3)</td></tr><tr><td>47151-0021</td><td rowspan="2">BLACK</td><td>SEE NOTE 2 (1)</td><td rowspan="2">SEE NOTE 2 (b)</td></tr><tr><td>47151-0031</td><td>SEE NOTE 2 (1)</td></tr><tr><td>47151-0101</td><td rowspan="8">1.45</td><td rowspan="8">1.45</td><td rowspan="8">/</td><td rowspan="8">/</td><td rowspan="8">/</td><td rowspan="8">W/O</td><td rowspan="8">W/O</td><td rowspan="8">WITH</td><td rowspan="8">W/O</td><td rowspan="3">BLACK</td><td>SEE NOTE 2 (1)</td><td rowspan="3">SEE NOTE 2 (a)</td></tr><tr><td>47151-0141</td><td>SEE NOTE 2 (2)</td></tr><tr><td>47151-0151</td><td>SEE NOTE 2 (3)</td></tr><tr><td>47151-0111</td><td rowspan="3">NATURE</td><td>SEE NOTE 2 (1)</td><td rowspan="3">SEE NOTE 2 (a)</td></tr><tr><td>47151-0181</td><td>SEE NOTE 2 (2)</td></tr><tr><td>47151-0161</td><td>SEE NOTE 2 (3)</td></tr><tr><td>47151-0121</td><td rowspan="2">BLACK</td><td>SEE NOTE 2 (1)</td><td rowspan="2">SEE NOTE 2 (b)</td></tr><tr><td>47151-0131</td><td>SEE NOTE 2 (1)</td></tr><tr><td>47151-0002</td><td rowspan="8">1.80</td><td rowspan="8">2.20</td><td rowspan="8">M3.0X0.5</td><td rowspan="8">16.08</td><td rowspan="8">13.38</td><td rowspan="8">WITH</td><td rowspan="8">W/O</td><td rowspan="8">WITH</td><td rowspan="8">W/O</td><td rowspan="3">BLACK</td><td>SEE NOTE 2 (1)</td><td rowspan="3">SEE NOTE 2 (a)</td><td rowspan="23">FOR SHEET 2</td></tr><tr><td>47151-0042</td><td>SEE NOTE 2 (2)</td></tr><tr><td>47151-0062</td><td>SEE NOTE 2 (3)</td></tr><tr><td>47151-0012</td><td rowspan="3">NATURE</td><td>SEE NOTE 2 (1)</td><td rowspan="3">SEE NOTE 2 (a)</td></tr><tr><td>47151-0052</td><td>SEE NOTE 2 (2)</td></tr><tr><td>47151-0072</td><td>SEE NOTE 2 (3)</td></tr><tr><td>47151-0022</td><td rowspan="2">BLACK</td><td>SEE NOTE 2 (1)</td><td rowspan="2">SEE NOTE 2 (b)</td></tr><tr><td>47151-0032</td><td>SEE NOTE 2 (1)</td></tr><tr><td>47151-0102</td><td rowspan="8">1.45</td><td rowspan="8">1.45</td><td rowspan="8">M3.0X0.5</td><td rowspan="8">16.08</td><td rowspan="8">13.38</td><td rowspan="8">WITH</td><td rowspan="8">W/O</td><td rowspan="8">WITH</td><td rowspan="8">W/O</td><td rowspan="3">BLACK</td><td>SEE NOTE 2 (1)</td><td rowspan="3">SEE NOTE 2 (a)</td></tr><tr><td>47151-0142</td><td>SEE NOTE 2 (2)</td></tr><tr><td>47151-0162</td><td>SEE NOTE 2 (3)</td></tr><tr><td>47151-0112</td><td rowspan="3">NATURE</td><td>SEE NOTE 2 (1)</td><td rowspan="3">SEE NOTE 2 (a)</td></tr><tr><td>47151-0152</td><td>SEE NOTE 2 (2)</td></tr><tr><td>47151-0172</td><td>SEE NOTE 2 (3)</td></tr><tr><td>47151-0122</td><td rowspan="2">BLACK</td><td>SEE NOTE 2 (1)</td><td rowspan="2">SEE NOTE 2 (b)</td></tr><tr><td>47151-0132</td><td>SEE NOTE 2 (1)</td></tr><tr><td>47151-6002</td><td rowspan="3">1.80</td><td rowspan="3">2.20</td><td rowspan="3">M3.0X0.5</td><td rowspan="3">14.25</td><td rowspan="3">11.28</td><td rowspan="3">WITH</td><td rowspan="3">W/O</td><td rowspan="3">WITH</td><td 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(2)	47151-1052	SEE NOTE 2 (3)	47151-1062	SEE NOTE 2 (4)	47151-2062	SEE NOTE 2 (4)	47151-1012	SEE NOTE 2 (1)	47151-1072	W/O	NATURE	SEE NOTE 2 (2)	47151-1082	SEE NOTE 2 (3)	47151-1022	BLACK	SEE NOTE 2 (1)	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	SEE NOTE 2 (1)	47151-1162	NATURE	SEE NOTE 2 (2)	47151-1172	SEE NOTE 2 (3)	47151-1122	BLACK	SEE NOTE 2 (1)	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	SEE NOTE 2 (1)	47151-1035	NATURE	SEE NOTE 2 (2)	47151-1055	SEE NOTE 2 (3)	47151-1025	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 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A	<table><tr><td rowspan="10">SEE SHEET 1 EC NO: SH2010-0164 DRWN:XOZHANG 2009/10/20 CHKD:GLI 2009/10/21 APPR:XJISONG 2009/11/30</td><td>QUALITY SYMBOLS</td><td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td colspan="2">DIMENSION STYLE MM ONLY</td><td>SCALE 1:1</td><td>DESIGN UNITS METRIC</td><td colspan="2">THIRD ANGLE PROJECTION</td></tr><tr><td rowspan="5">$\nabla=0$ $\nabla=0$ $\nabla=0$</td><td></td><td>mm</td><td>INCH</td><td>DRAWN BY RZHANG</td><td>DATE 2004/07/20</td><td colspan="3" rowspan="3">1.0 HDMI RIGHT ANGLE HEADER ASSEMBLY(19 PIN) LEAD FREE</td></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td><td>CHECKED BY</td><td>DATE</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± ---</td><td>GRMA</td><td>2004/07/20</td></tr><tr><td>2 PLACES</td><td>± 0.25</td><td>± ---</td><td>APPROVED BY YTYAP</td><td>DATE 2004/07/20</td><td colspan="3" rowspan="2">MOLEX INCORPORATED</td></tr><tr><td>1 PLACE</td><td>± 0.25</td><td>± ---</td><td>MATERIAL NO.</td><td>DOCUMENT NO.</td></tr><tr><td colspan="2">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td colspan="2">SEE TABLE</td><td colspan="2">SD-47151-001</td><td colspan="2">SHEET NO. 8 OF 8</td></tr><tr><td colspan="2">SIZE A3</td><td colspan="10">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td></tr></table>											SEE SHEET 1 EC NO: SH2010-0164 DRWN:XOZHANG 2009/10/20 CHKD:GLI 2009/10/21 APPR:XJISONG 2009/11/30	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		$\nabla=0$ $\nabla=0$ $\nabla=0$		mm	INCH	DRAWN BY RZHANG	DATE 2004/07/20	1.0 HDMI RIGHT ANGLE HEADER ASSEMBLY(19 PIN) LEAD FREE			4 PLACES	± ---	± ---	CHECKED BY	DATE	3 PLACES	± ---	± ---	GRMA	2004/07/20	2 PLACES	± 0.25	± ---	APPROVED BY YTYAP	DATE 2004/07/20	MOLEX INCORPORATED			1 PLACE	± 0.25	± ---	MATERIAL NO.	DOCUMENT NO.	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-47151-001		SHEET NO. 8 OF 8		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										A																																																																																									
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