

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0471510061

Status:

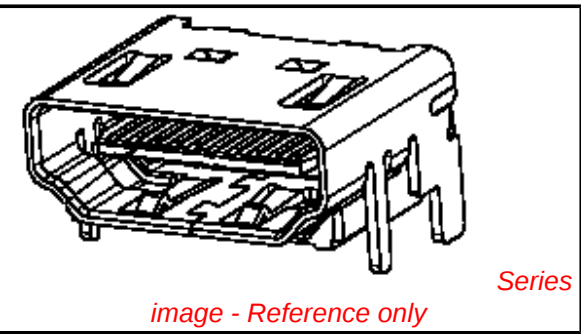
Active

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, Natural Housing, Tape and Reel Package, 19 Circuits,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	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	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
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

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

47151Series

Mates With

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

Material Info

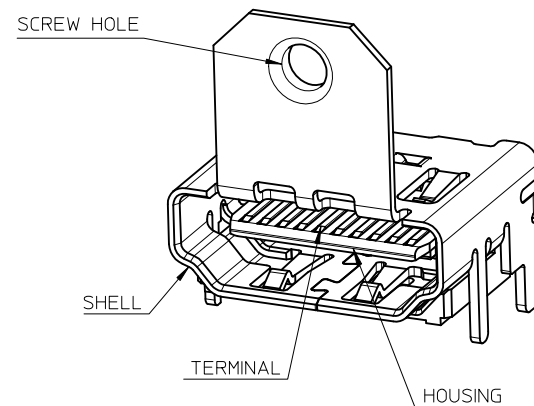
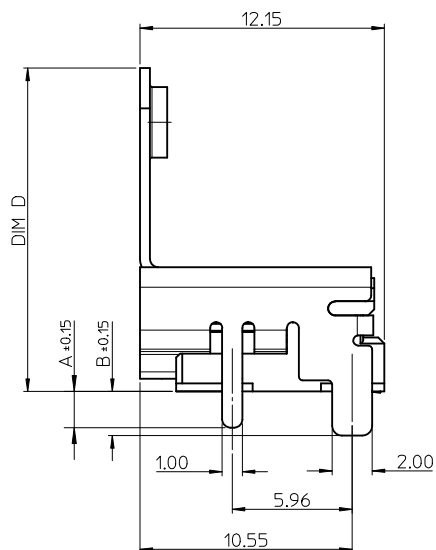
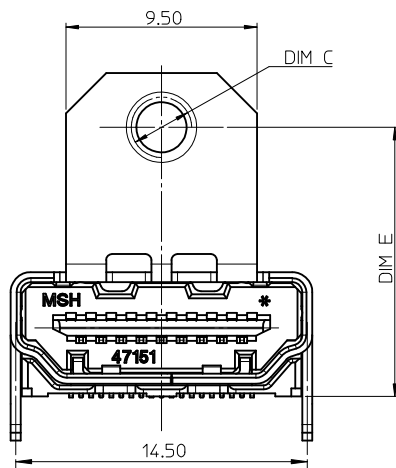
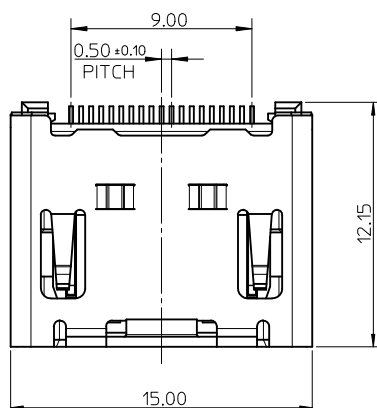
Reference - Drawing Numbers

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 05/27/2010

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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 ▽_A=0 ▽_C=0 ▽_P=0	DESCRIPTION	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			
			2 PLACES	± 0.25	± ---	MATERIAL NO.				DOCUMENT NO.
			1 PLACE	± 0.25	± ---	SEE SHEET 6		SD-47151-001		
			ANGULAR ± 3 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

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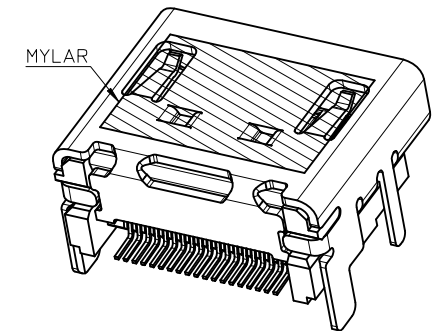
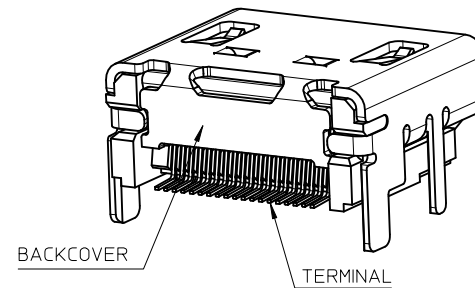
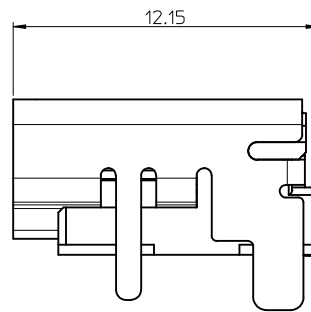
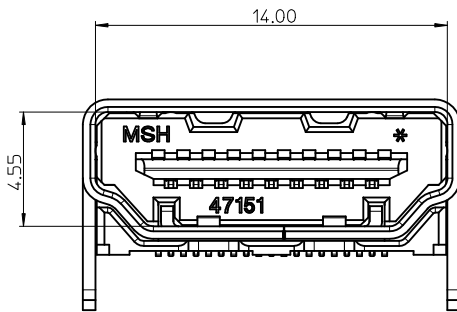
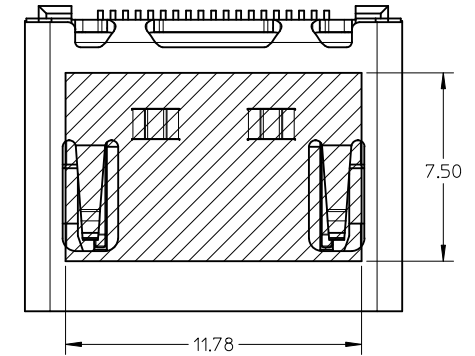
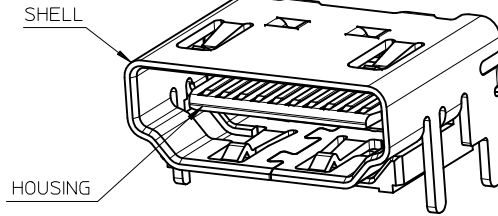
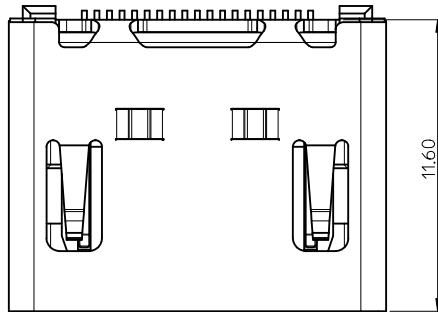
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WITH BACK COVER



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 A =0 C =0 F =0 <td> GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>2 PLACES</td><td>± 0.25</td><td>± ---</td></tr><tr><td>1 PLACE</td><td>± 0.25</td><td>± ---</td></tr><tr><td colspan="3">ANGULAR ± 3 °</td></tr></table> DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS </td><td> 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 7 SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION </td><td> SCALE 5:1 </td><td> DESIGN UNITS METRIC </td><td> THIRD ANGLE PROJECTION </td>	GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>2 PLACES</td><td>± 0.25</td><td>± ---</td></tr><tr><td>1 PLACE</td><td>± 0.25</td><td>± ---</td></tr><tr><td colspan="3">ANGULAR ± 3 °</td></tr></table> DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.25	± ---	1 PLACE	± 0.25	± ---	ANGULAR ± 3 °			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 7 SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
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MOLEX MOLEX INCORPORATED																									
DOCUMENT NO.		SD-47151-001																							
SHEET NO.		3 OF 8																							

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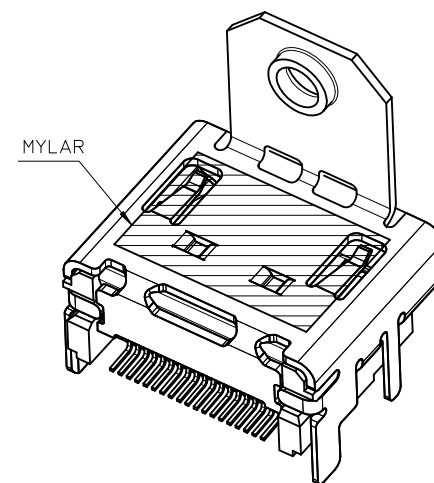
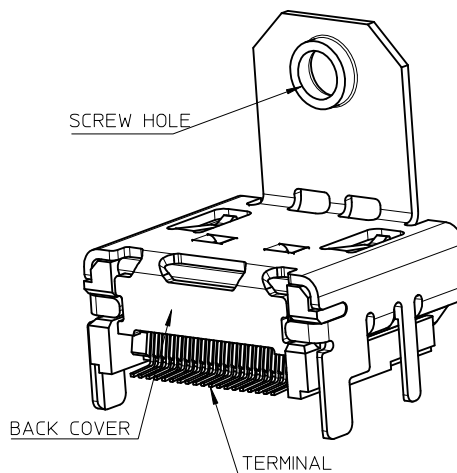
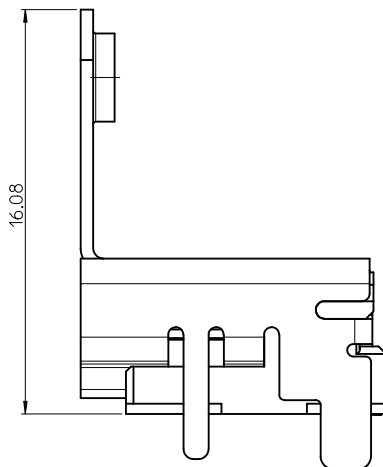
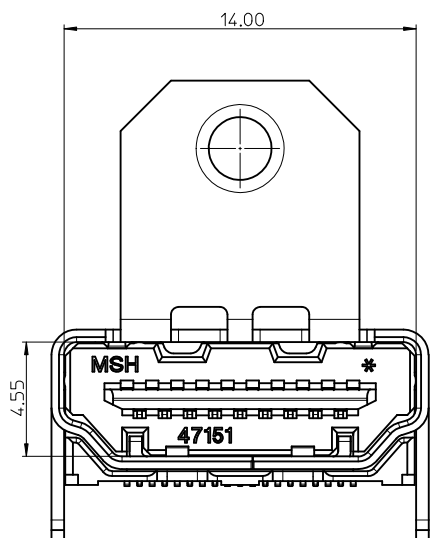
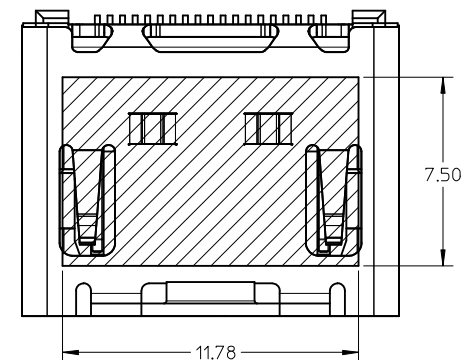
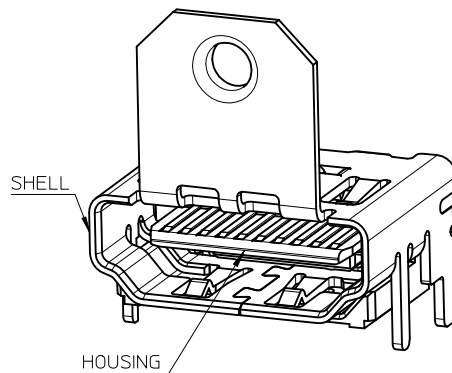
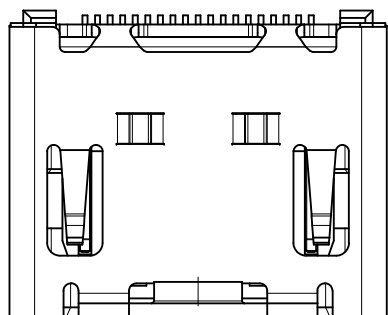
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10 9 8 7 6 5 4 3 2 1

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 DRWN:XZhang CHKD:GLI APPR:XJSong 2009/10/20 2009/10/21 2009/11/30	QUALITY SYMBOLS ▽_A=0 ▽_G=0 ▽_P=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>2 PLACES</td><td>± 0.25</td><td>± ---</td></tr><tr><td>1 PLACE</td><td>± 0.25</td><td>± ---</td></tr><tr><td colspan="3">ANGULAR ± 3 °</td></tr></table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.25	± ---	1 PLACE	± 0.25	± ---	ANGULAR ± 3 °			DIMENSION STYLE MM ONLY	SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE 1.0 HDMI RIGHT ANGLE HEADER ASSEMBLY(19 PIN) LEAD FREE MOLEX INCORPORATED
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE SHEET 8		SD-47151-001		4 OF 8																			
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																										

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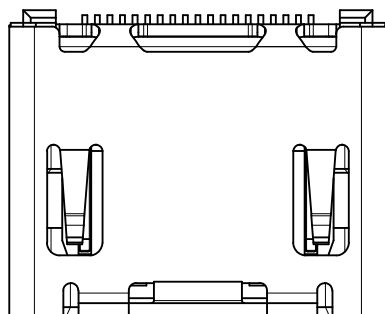
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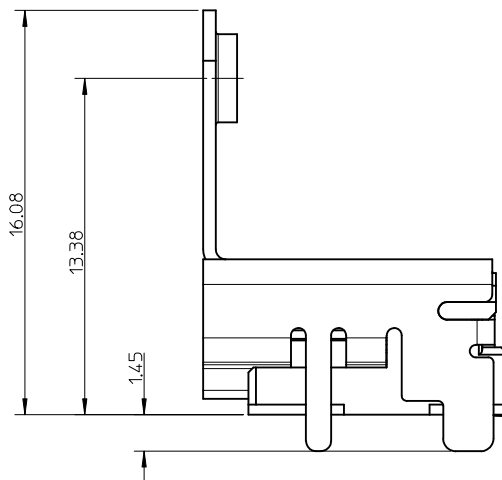
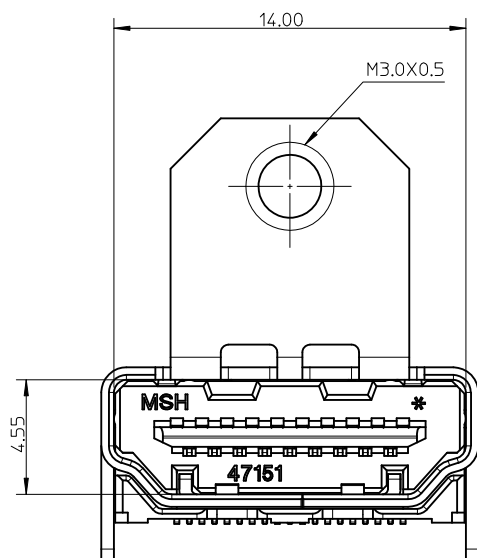
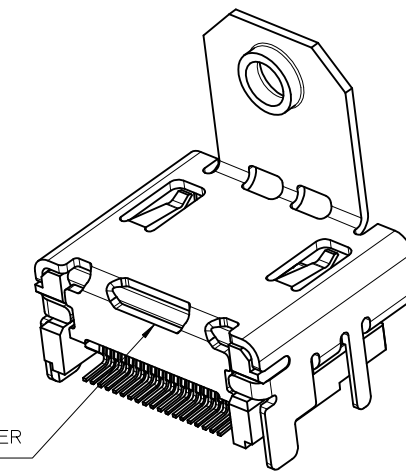
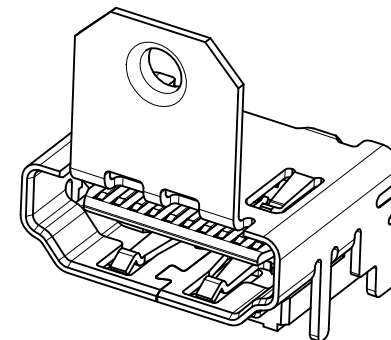
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WITHOUT TOP HOLE



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
1	QUALITY SYMBOLS
2	$\nabla_F = 0$
3	$\nabla_E = 0$
4	$\nabla_B = 0$

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± 0.25	± 0.010
3 PLACES	± 0.25	± 0.010
2 PLACES	± 0.25	± 0.010
1 PLACE	± 0.25	± 0.010
ANGULAR $\pm 3^\circ$		
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 7	
SIZE	A3

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.	5 OF 8

	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="7">1.80</td><td rowspan="7">2.20</td><td rowspan="7">/</td><td rowspan="7">/</td><td rowspan="7">/</td><td rowspan="7">W/O</td><td rowspan="7">W/O</td><td rowspan="7">WITH</td><td rowspan="7">W/O</td><td>BLACK</td><td>SEE NOTE 2 (1)</td><td rowspan="7">SEE NOTE 2 (a)</td><td rowspan="14">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>SEE NOTE 2 (1)</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>SEE NOTE 2 (1)</td></tr><tr><td>47151-0031</td><td>BLACK</td><td>SEE NOTE 2 (1)</td><td rowspan="2">SEE NOTE 2 (b)</td></tr><tr><td></td><td>NATURE</td><td>SEE NOTE 2 (1)</td></tr><tr><td>47151-0101</td><td rowspan="7">1.45</td><td rowspan="7">1.45</td><td rowspan="7">/</td><td rowspan="7">/</td><td rowspan="7">/</td><td rowspan="7">W/O</td><td rowspan="7">W/O</td><td rowspan="7">WITH</td><td rowspan="7">W/O</td><td>BLACK</td><td>SEE NOTE 2 (1)</td><td rowspan="7">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>SEE NOTE 2 (1)</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>SEE NOTE 2 (1)</td></tr><tr><td>47151-0131</td><td>BLACK</td><td>SEE NOTE 2 (1)</td><td rowspan="2">SEE NOTE 2 (b)</td></tr><tr><td></td><td>NATURE</td><td>SEE NOTE 2 (1)</td></tr><tr><td>47151-0002</td><td rowspan="7">1.80</td><td rowspan="7">2.20</td><td rowspan="7">M3.0X0.5</td><td rowspan="7">16.08</td><td rowspan="7">13.38</td><td rowspan="7">WITH</td><td rowspan="7">W/O</td><td rowspan="7">WITH</td><td rowspan="7">W/O</td><td>BLACK</td><td>SEE NOTE 2 (1)</td><td rowspan="7">SEE NOTE 2 (a)</td><td rowspan="14">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>SEE NOTE 2 (1)</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>SEE NOTE 2 (1)</td></tr><tr><td>47151-0032</td><td>BLACK</td><td>SEE NOTE 2 (1)</td><td rowspan="2">SEE NOTE 2 (b)</td></tr><tr><td></td><td>NATURE</td><td>SEE NOTE 2 (1)</td></tr><tr><td>47151-0102</td><td rowspan="7">1.45</td><td rowspan="7">1.45</td><td rowspan="7">M3.0X0.5</td><td rowspan="7">16.08</td><td rowspan="7">13.38</td><td rowspan="7">WITH</td><td rowspan="7">W/O</td><td rowspan="7">WITH</td><td rowspan="7">W/O</td><td>BLACK</td><td>SEE NOTE 2 (1)</td><td rowspan="7">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>SEE NOTE 2 (1)</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>SEE NOTE 2 (1)</td></tr><tr><td>47151-0132</td><td>BLACK</td><td>SEE NOTE 2 (1)</td><td rowspan="2">SEE NOTE 2 (b)</td></tr><tr><td></td><td>NATURE</td><td>SEE NOTE 2 (1)</td></tr><tr><td>47151-6002</td><td rowspan="4">1.80</td><td rowspan="4">2.20</td><td rowspan="4">M3.0X0.5</td><td rowspan="4">14.25</td><td rowspan="4">11.28</td><td rowspan="4">WITH</td><td rowspan="4">W/O</td><td rowspan="4">WITH</td><td rowspan="4">W/O</td><td>BLACK</td><td>SEE NOTE 2 (1)</td><td rowspan="4">SEE NOTE 2 (a)</td></tr><tr><td>47151-6062</td><td>SEE NOTE 2 (2)</td></tr><tr><td>47151-6082</td><td>SEE NOTE 2 (3)</td></tr><tr><td>47151-6102</td><td>SEE NOTE 2 (1)</td></tr><tr><td>47151-6172</td><td rowspan="2">1.45</td><td rowspan="2">1.45</td><td rowspan="2">M3.0X0.5</td><td rowspan="2">14.25</td><td rowspan="2">11.28</td><td rowspan="2">WITH</td><td rowspan="2">W/O</td><td rowspan="2">WITH</td><td rowspan="2">W/O</td><td>BLACK</td><td>SEE NOTE 2 (2)</td><td rowspan="2"></td></tr><tr><td>47151-6162</td><td>SEE NOTE 2 (3)</td></tr></table>										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	SEE NOTE 2 (1)	47151-0071	SEE NOTE 2 (2)	47151-0061	SEE NOTE 2 (3)	47151-0021	SEE NOTE 2 (1)	47151-0031	BLACK	SEE NOTE 2 (1)	SEE NOTE 2 (b)		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	SEE NOTE 2 (1)	47151-0181	SEE NOTE 2 (2)	47151-0161	SEE NOTE 2 (3)	47151-0121	SEE NOTE 2 (1)	47151-0131	BLACK	SEE NOTE 2 (1)	SEE NOTE 2 (b)		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	SEE NOTE 2 (1)	47151-0052	SEE NOTE 2 (2)	47151-0072	SEE NOTE 2 (3)	47151-0022	SEE NOTE 2 (1)	47151-0032	BLACK	SEE NOTE 2 (1)	SEE NOTE 2 (b)		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	SEE NOTE 2 (1)	47151-0152	SEE NOTE 2 (2)	47151-0172	SEE NOTE 2 (3)	47151-0122	SEE NOTE 2 (1)	47151-0132	BLACK	SEE NOTE 2 (1)	SEE NOTE 2 (b)		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	SEE NOTE 2 (1)	47151-6172	1.45	1.45	M3.0X0.5	14.25	11.28	WITH	W/O	WITH	W/O	BLACK	SEE NOTE 2 (2)		47151-6162	SEE NOTE 2 (3)	F
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(4)</td></tr><tr><td>47151-1012</td><td>SEE NOTE 2 (1)</td></tr><tr><td>47151-1072</td><td rowspan="4">W/O</td><td>NATURE</td><td>SEE NOTE 2 (2)</td></tr><tr><td>47151-1082</td><td>SEE NOTE 2 (3)</td></tr><tr><td>47151-1022</td><td>BLACK</td><td>SEE NOTE 2 (1)</td></tr><tr><td>47151-1032</td><td>NATURE</td><td>SEE NOTE 2 (1)</td></tr><tr><td>47151-1102</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">WITH</td><td rowspan="8">WITH</td><td rowspan="4">W/O</td><td>BLACK</td><td>SEE NOTE 2 (1)</td><td rowspan="4">SEE NOTE 2 (a)</td></tr><tr><td>47151-1142</td><td>SEE NOTE 2 (2)</td></tr><tr><td>47151-1152</td><td>SEE NOTE 2 (3)</td></tr><tr><td>47151-1112</td><td>SEE NOTE 2 (1)</td></tr><tr><td>47151-1162</td><td rowspan="4">NATURE</td><td>SEE NOTE 2 (2)</td><td rowspan="4">SEE NOTE 2 (b)</td></tr><tr><td>47151-1172</td><td>SEE NOTE 2 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(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	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)	SEE NOTE 2 (b)	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 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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</td><td>DATE</td><td colspan="4" 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>RZHANG</td><td>2004/07/20</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± ---</td><td>CHECKED BY</td><td>DATE</td></tr><tr><td>2 PLACES</td><td>± 0.25</td><td>± ---</td><td>GRMA</td><td>2004/07/20</td><td colspan="4" rowspan="2">MOLEX INCORPORATED</td></tr><tr><td>1 PLACE</td><td>± 0.25</td><td>± ---</td><td>APPROVED BY</td><td>DATE</td></tr><tr><td></td><td></td><td colspan="2">ANGULAR ± 3 °</td><td>YTYAP</td><td>2004/07/20</td><td colspan="4"></td></tr><tr><td></td><td></td><td colspan="2">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td colspan="2">MATERIAL NO. SEE TABLE</td><td colspan="2">DOCUMENT NO. SD-47151-001</td><td colspan="2">SHEET NO. 8 OF 8</td></tr><tr><td></td><td></td><td colspan="2"></td><td colspan="2">SIZE A3</td><td colspan="6">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	DATE	1.0 HDMI RIGHT ANGLE HEADER ASSEMBLY(19 PIN) LEAD FREE				4 PLACES	± ---	± ---	RZHANG	2004/07/20	3 PLACES	± ---	± ---	CHECKED BY	DATE	2 PLACES	± 0.25	± ---	GRMA	2004/07/20	MOLEX INCORPORATED				1 PLACE	± 0.25	± ---	APPROVED BY	DATE			ANGULAR ± 3 °		YTYAP	2004/07/20							DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE		DOCUMENT NO. 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																																																																																		
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