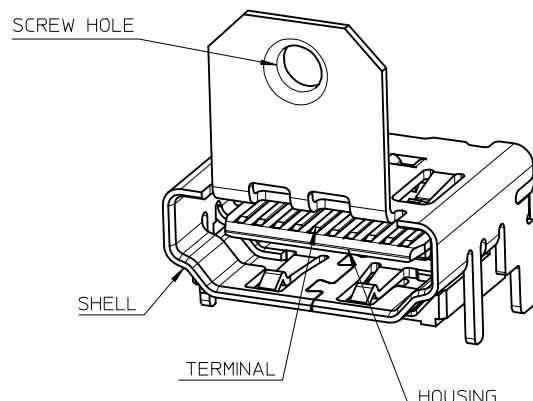
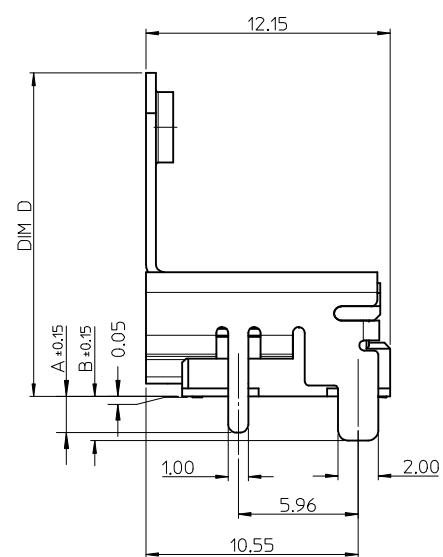
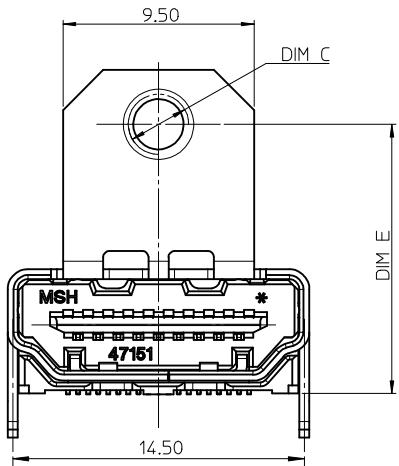
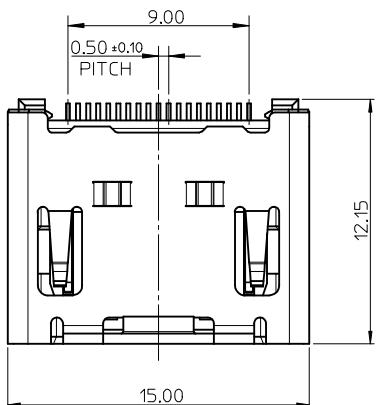


10 9 8 7 6 5 4 3 2 1



NOTES:

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

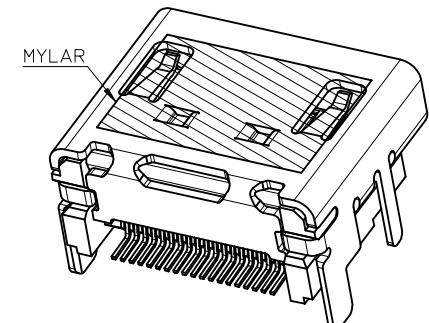
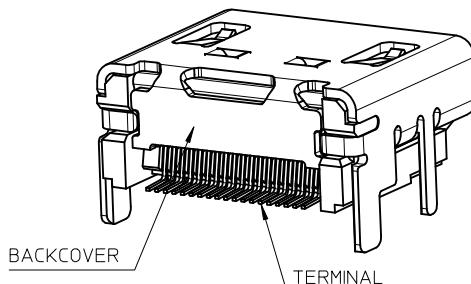
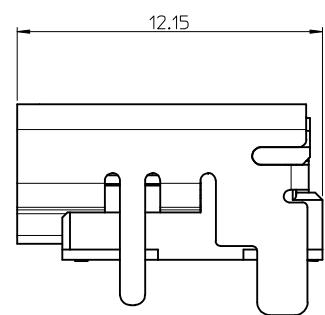
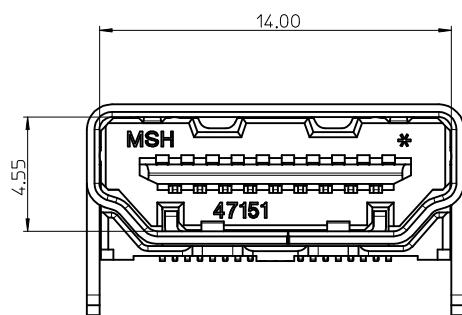
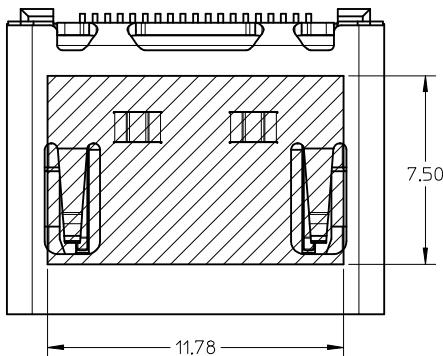
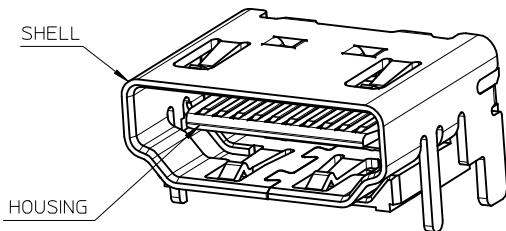
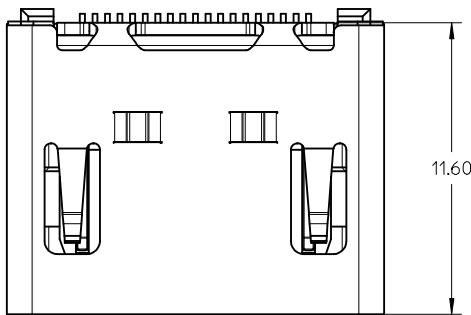
SEE SHEET 1		QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM	SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
EC NO: S2015-1132	2015/04/08		mm	INCH				
DRWNHGT0012	2015/06/16	$\nabla \nabla = 0$	4 PLACES	$\pm \text{---}$	$\pm \text{---}$	RZHANG	2004/07/20	
CH'KD:JZENG	2015/05/15	$\nabla \nabla = 0$	3 PLACES	$\pm \text{---}$	$\pm \text{---}$	CHECKED BY	DATE	
APPR:KHLIM		$\nabla \nabla = 0$	2 PLACES	± 0.25	$\pm \text{---}$	GRMA	2004/07/20	
L4		$\nabla \nabla = 0$	1 PLACE	± 0.25	$\pm \text{---}$	APPROVED BY	DATE	
					$\pm 3^\circ$	YTYAP	2004/07/20	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.	SEE SHEET 6		
					SIZE	SD-47151-001	DOCUMENT NO.	SHEET NO. 2 OF 9
					A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

F
E
D
C
B
A

A

10 9 8 7 6 5 4 3 2 1

WITH BACK COVER



NOTES:

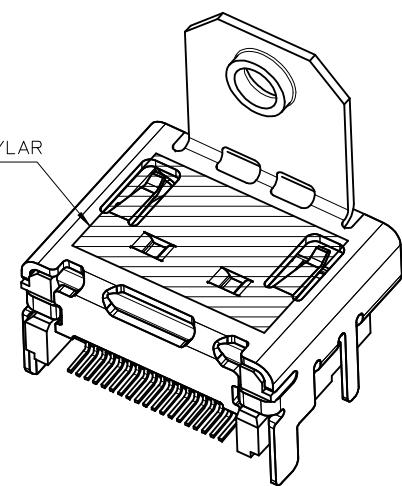
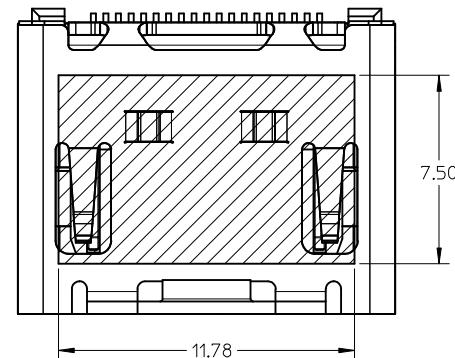
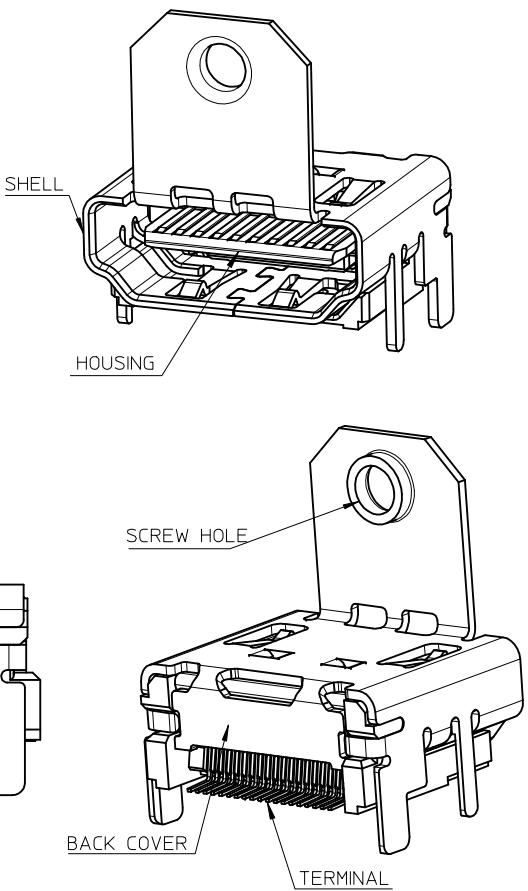
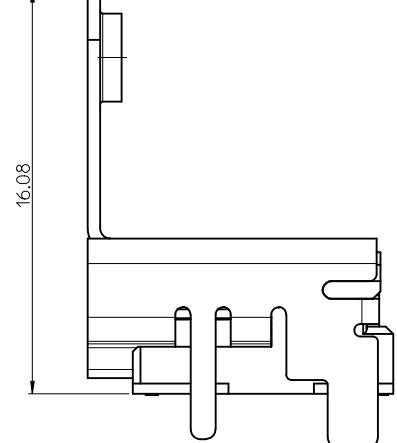
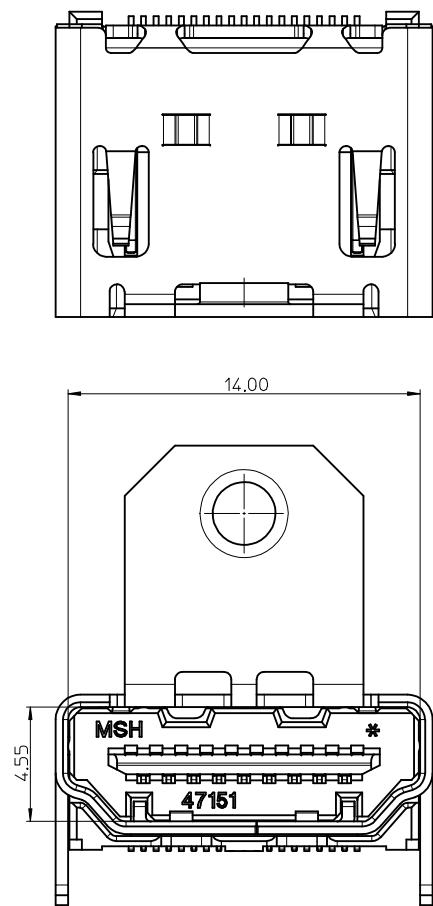
1. THE UNSPECIFIED DIMENSIONS REFER TO 47151-0001.
2. PACKAGE SPECIFICATION FOR WITHOUT FLANGE REFER TO PK-47151-001.

THIS IS ONLY FOR 47151-1061/1071/1081

SEE SHEET 1		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
EC NO: S2015-1132	2015/04/08	mm	inch	DRAWN BY RZHANG	DATE 2004/07/20			
DRAWN:HITGQ002	2015/06/16	3 PLACES	\pm ---	CHECKED BY	DATE			
CHKD:IZENG	2015/05/15	2 PLACES	\pm 0.25	GRMA	2004/07/20			
APPR:KHLIM		1 PLACE	\pm 0.25	APPROVED BY YTYAP	DATE 2004/07/20			
L4		ANGULAR \pm 3°		MATERIAL NO. SEE SHEET 7				
REV		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	DOCUMENT NO. SD-47151-001	SHEET NO. 3 OF 9	

10 9 8 7 6 5 4 3 2

WITH BACK COVER



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

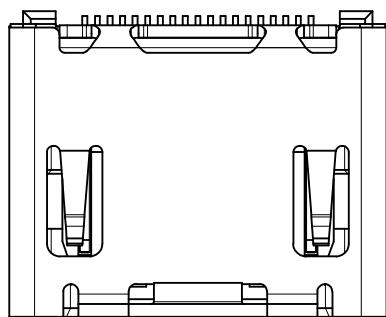
NOTES:

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		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
EC NO:	DRAWN/HGT/002	APPR:KHL/M	DESCRIPTION	mm	INCH	DRAWN BY ZRZHANG	DATE 2004/07/20	TITLE 1.0 HDMI RIGHT ANGLE HEADER ASSEMBLY (19 PIN) LEAD FREE
L4	REV	CHKD:IZENG	 =0	4 PLACES	± ---	± ---	CHECKED BY GRMA	DATE 2004/07/20
			 =0	3 PLACES	± ---	± ---	APPROVED BY YTYP	DATE 2004/07/20
			 =0	2 PLACES	± 0.25	± ---		
				1 PLACE	± 0.25	± ---		
				ANGULAR ± 3 °		MATERIAL NO. SEE SHEET 8	MOLEX MOLEX INCORPORATED	SHEET NO. 4 OF 9
				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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F



WITHOUT TOP HOLE

A detailed line drawing of a metal component, likely a connector or part of a circuit board. It features a rectangular base with several vertical pins extending upwards. A prominent feature is a circular hole on the left side, containing a smaller circular element. A metal clip or spring is attached to the top edge of the base. The entire component is shown in a perspective view.

This technical drawing shows a component labeled **MSH** and **47151**. The top view indicates a total width of **14.00** and a height of **4.55**. A callout specifies a hole size of **M3.0X0.5**. The bottom view shows a rectangular frame with three pins on the right side and a central integrated circuit package. The package has a grid of pads and is labeled **47151**.

A technical drawing of a mechanical part, likely a bracket or frame. The drawing shows a vertical column on the left with a total height of 16.08. A horizontal slot is located at a height of 13.38 from the bottom. A central vertical column has a total height of 14.5. The drawing uses leader lines and arrows to indicate specific dimensions.

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: S2015-1132 DRAWN:HTGU002 CHKD:JZENG APPR:KHLIM L4	REV:	QUALITY SYMBOLS = 0 = 0 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		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	molex	MOLEX INCORPORATED
		4 PLACES	\pm ---	\pm ---	CHECKED BY GRMA	DATE 2004/07/20			
		3 PLACES	\pm ---	\pm ---	APPROVED BY YTYAP	DATE 2004/07/20			
		2 PLACES	\pm 0.25	\pm ---	MATERIAL NO. SEE SHEET 7		DOCUMENT NO. SD-47151-001	SHEET NO. 5 OF 9	
		1 PLACE	\pm 0.25	\pm ---					
		ANGULAR \pm 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			

10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

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)	SEE NOTE 2 (b)		
47151-0061											SEE NOTE 2 (3)			
47151-0021										BLACK	SEE NOTE 2 (1)			
47151-0031											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)	FOR SHEET 1	
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)	SEE NOTE 2 (b)		
47151-0161											SEE NOTE 2 (3)			
47151-0121										BLACK	SEE NOTE 2 (1)			
47151-0131											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 1	
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)	SEE NOTE 2 (b)		
47151-0072											SEE NOTE 2 (3)			
47151-0022										BLACK	SEE NOTE 2 (1)			
47151-0032											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)	FOR SHEET 2	
47151-0142											SEE NOTE 2 (2)			
47151-0162											SEE NOTE 2 (3)			
47151-0112										NATURE	SEE NOTE 2 (1)	SEE NOTE 2 (b)		
47151-0152											SEE NOTE 2 (2)			
47151-0172											SEE NOTE 2 (3)			
47151-0122										BLACK	SEE NOTE 2 (1)			
47151-0132											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)	FOR SHEET 2	
47151-6062											SEE NOTE 2 (2)			
47151-6082											SEE NOTE 2 (3)			
47151-6102										BLACK	SEE NOTE 2 (1)	SEE NOTE 2 (a)		
47151-6172											SEE NOTE 2 (2)			
47151-6162											SEE NOTE 2 (3)			

SEE SHEET 1 EC NO: S2015-1132 DRAWN BY: L002 CHKD: LIZENG APPR: KHLIM REV: L4	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE IN/MM		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm	INCH			
DRAWN BY: RZHANG CHECKED BY: GRMA APPROVED BY: YTYP REV: 00	4 PLACES	± ---	± ---	TITLE 1.0 HDMI RIGHT ANGLE HEADER ASSEMBLY (19 PIN) LEAD FREE		
	3 PLACES	± ---	± ---			
	2 PLACES	± 0.25	± ---			
	1 PLACE	± 0.25	± ---			
ANGULAR ± 3 °		MATERIAL NO. SEE TABLE		MOLEX INCORPORATED		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		DOCUMENT NO. SD-47151-001 SHEET NO. 6 OF 9		
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

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				
47151-0401	1.80	2.20	/	/	/	W/O	W/O	WITH	W/O	BLACK	SEE NOTE 2 (5)	SEE NOTE 2 (a)
47151-0411									NATURE			FOR SHEET 1
47151-0402	1.80	2.20	M3.0X0.5	16.08	13.38	WITH	W/O	WITH	W/O	BLACK	SEE NOTE 2 (5)	SEE NOTE 2 (a)
												FOR SHEET 2

ENTER DESCRIPTION		QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
EC NO: S2015-1132	2015/04/08	$\nabla = 0$	mm	INCH	DRAWN BY RZHANG	DATE 2004/07/20	TITLE 1.0 HDMI RIGHT ANGLE HEADER ASSEMBLY (19 PIN) LEAD FREE		
DRWNRHTG0002	2015/06/16	$\nabla = 0$	$\pm ---$	$\pm ---$	CHECKED BY GRMA	DATE 2004/07/20			
CHKD: JZENG	2015/05/15	$\nabla = 0$	± 0.25	$\pm ---$	APPROVED BY YTYAP	DATE 2004/07/20	MOLEX INCORPORATED		
APPR: KHLIM					MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-47151-001	SHEET NO. 7 OF 9	
L4	REV		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			

10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

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				
47151-1001	1.80	2.20	/	/	/	W/O	WITH	WITH	W/O	BLACK	SEE NOTE 2 (1)	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	1.45	1.45	/	/	/	W/O	WITH	WITH	W/O	BLACK	SEE NOTE 2 (1)	SEE NOTE 2 (a)
47151-1091											SEE NOTE 2 (2)	
47151-1031											SEE NOTE 2 (3)	
47151-1101									NATURE	NATURE	SEE NOTE 2 (1)	
47151-1141											SEE NOTE 2 (2)	
47151-1151											SEE NOTE 2 (3)	
47151-1111	1.45	1.45	/	/	/	W/O	WITH	WITH	W/O	BLACK	SEE NOTE 2 (1)	SEE NOTE 2 (a)
47151-1161											SEE NOTE 2 (2)	
47151-1171											SEE NOTE 2 (3)	
47151-1121									BLACK	NATURE	SEE NOTE 2 (1)	
47151-1131											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)
47151-7142											SEE NOTE 2 (2)	
47151-7162											SEE NOTE 2 (3)	
47151-1401	1.80	2.20	/	/	/	W/O	WITH	WITH	W/O	BLACK	SEE NOTE 2 (5)	FOR SHEET 5
47151-1461												
47151-1501	1.45	1.45	/	/	/	W/O	WITH	WITH	W/O	BLACK	SEE NOTE 2 (a)	FOR SHEET 3

SEE SHEET 1 EC NO: S2015-1132 DRAWN BY: HTQJ002 CHKD: ZENG APPR: KHL LM REV: L4	08 2015/04/08 18 2015/06/18 15 2015/05/15	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ± --- 3 PLACES ± --- 2 PLACES ± 0.25 1 PLACE ± 0.25 ANGULAR ± 3 °	DIMENSION STYLE IN/MM mm INCH	DRAWN BY RZHANG CHECKED BY GRMA APPROVED BY YTYP DATE 2004/07/20	SCALE 1:1 DESIGN UNITS METRIC TITLE 1.0 HDMI RIGHT ANGLE HEADER ASSEMBLY (19 PIN) LEAD FREE
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE	MATERIAL NO. DOCUMENT NO.	MOLEX MOLEX INCORPORATED SD-47151-001 SHEET NO. 8 OF 9
				SIZE A3	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

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											SEE NOTE 2 (1)			
47151-1072											SEE NOTE 2 (2)			
47151-1082									W/O	NATURE	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)	FOR SHEET 4	
47151-1142											SEE NOTE 2 (2)			
47151-1152											SEE NOTE 2 (3)			
47151-1112									NATURE	SEE NOTE 2 (1)	SEE NOTE 2 (1)			
47151-1162											SEE NOTE 2 (2)	SEE NOTE 2 (b)		
47151-1172											SEE NOTE 2 (3)			
47151-1122									BLACK	SEE NOTE 2 (1)	BLACK			
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)	FOR SHEET 4	
47151-1045											SEE NOTE 2 (2)			
47151-1065											SEE NOTE 2 (3)			
47151-1015									NATURE	SEE NOTE 2 (1)	SEE NOTE 2 (1)			
47151-1035											SEE NOTE 2 (2)	SEE NOTE 2 (b)		
47151-1055											SEE NOTE 2 (3)			
47151-1025									BLACK	SEE NOTE 2 (1)	SEE NOTE 2 (1)			
47151-1075											SEE NOTE 2 (2)	SEE NOTE 2 (b)		
47151-1085											SEE NOTE 2 (3)			
47151-1026	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)	FOR SHEET 4	
47151-6012											SEE NOTE 2 (2)			
47151-6042											SEE NOTE 2 (3)			
47151-6052									WITH	BLACK	SEE NOTE 2 (1)	SEE NOTE 2 (a)		
47151-6022											SEE NOTE 2 (2)			
47151-6032	1.45	1.45	M3.0X0.5	14.25	11.28	WITH	WITH	WITH	W/O	BLACK	SEE NOTE 2 (1)	SEE NOTE 2 (a)	FOR SHEET 4	
47151-6112											SEE NOTE 2 (2)			
47151-6142											SEE NOTE 2 (3)			
47151-1402	1.80	2.20	M3.0X0.5	16.08	13.38	WITH	WITH	WITH	W/O	BLACK	SEE NOTE 2 (5)	SEE NOTE 2 (a)		
47151-1502	1.45	1.45	M3.0X0.5	16.08	13.38	WITH	WITH	WITH	W/O	BLACK	SEE NOTE 2 (5)	SEE NOTE 2 (a)		

SEE SHEET 1 EC NO: S2015-1132 DRAWN: ITGL002 CHKD: ZENG APPR: KHL IM REV: L4	08 2015/04/10 10 2015/06/10 15 2015/05/15	QUALITY SYMBOLS $\frac{W}{F}=0$ $\frac{E}{F}=0$ $\frac{P}{F}=0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
			mm	INCH	DRAWN BY RZHANG	DATE 2004/07/20			
3 PLACES \pm ---		CHECKED BY		DATE					
2 PLACES \pm 0.25		GRMA		2004/07/20					
1 PLACE \pm 0.25		APPROVED BY YTYAP		DATE 2004/07/20		MOLEX INCORPORATED			
ANGULAR \pm 3°		MATERIAL NO.				DOCUMENT NO. SD-47151-001			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE				SHEET NO. 9 OF 9			
		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					