

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0471511001](#)
Status: **Active**
Overview: [high_definition_multimedia_interface_hdmi](#)
Description: 0.50mm (.020") Pitch HDMI* Receptacle, Right Angle, Front Solder Tab Length 1.80mm (.071"), Shell Nickel (Ni) Plated, with Back Cover, Black Housing, Tape and Reel Package, 19 Circuits, Lead Free

Documents:

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

General

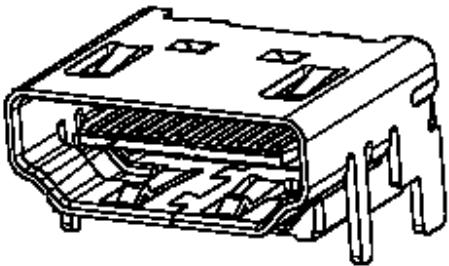
Product Family	I/O Connectors
Series	47151
Application	Wire-to-Board
Component Type	Receptacle
Overview	high_definition_multimedia_interface_hdmi
Product Name	HDMI
Type	N/A

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)	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
Voltage - Maximum	40V DC



Series

image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Contains SVHC: No
**Halogen-Free
Status**

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)	10
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	2
Process Temperature max. C	250

Material Info

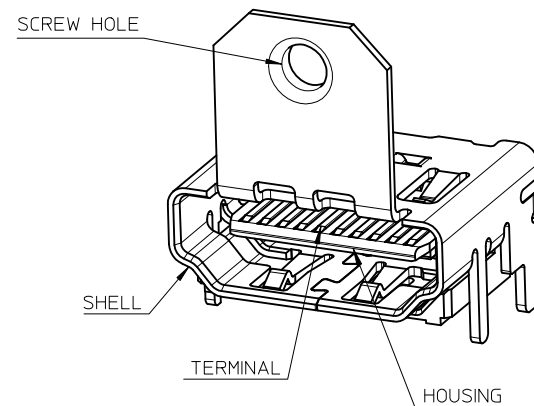
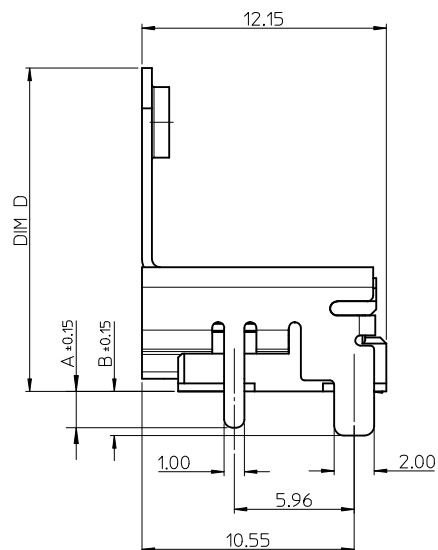
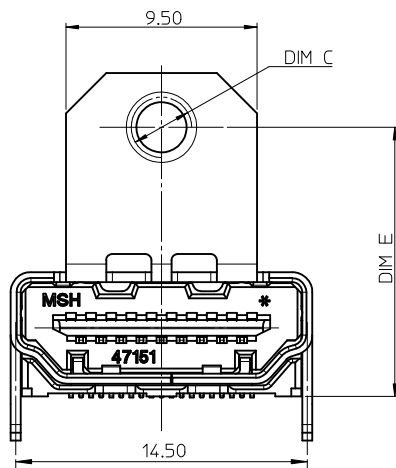
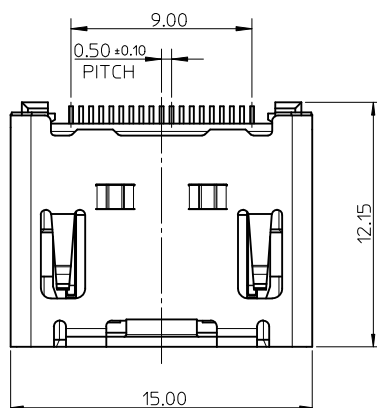
Reference - Drawing Numbers

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 05/19/2010

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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.			
			1 PLACE	± 0.25	± ---	ANGULAR ± 3 °		MOLEX INCORPORATED	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE SHEET 6		SD-47151-001	
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

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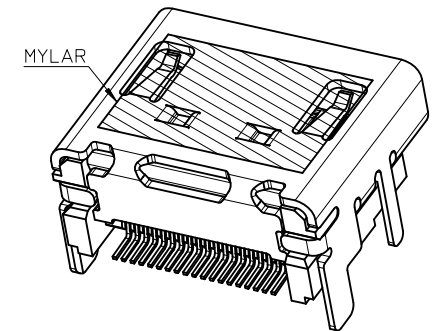
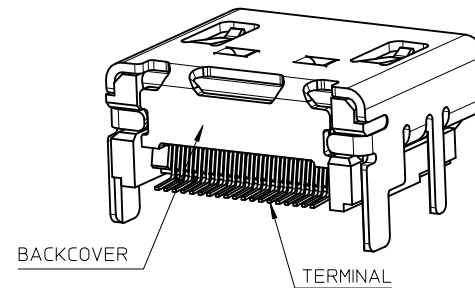
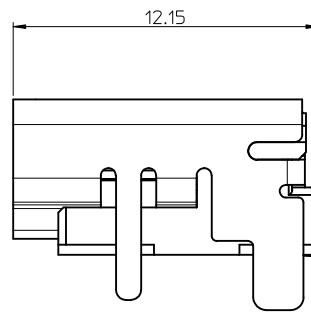
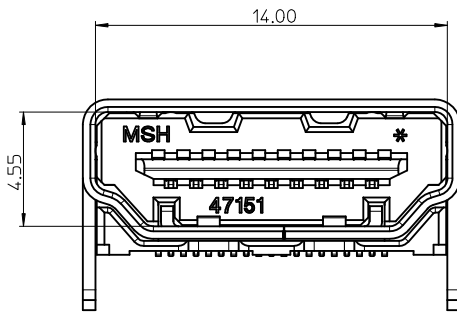
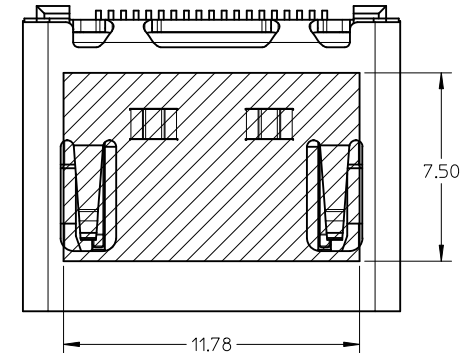
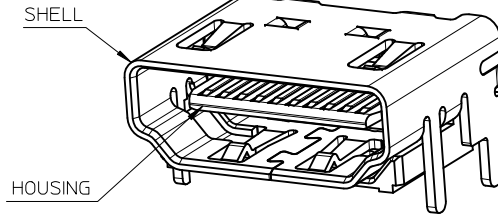
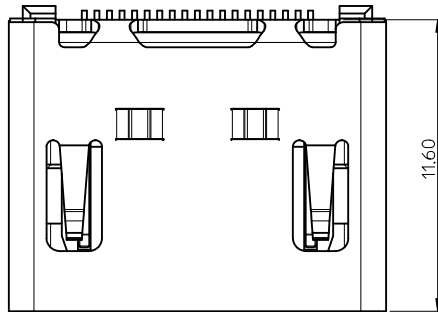
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WITH BACK COVER



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 REV L	DESCRIPTION	QUALITY SYMBOLS F_A=0 F_C=0 F_P=0	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	±---	±---								
			2 PLACES	± 0.25	±---	APPROVED BY YTYAP		DATE 2004/07/20	MOLEX MOLEX INCORPORATED				
			1 PLACE	± 0.25	±---								
			ANGULAR ± 3 °			MATERIAL NO.		DOCUMENT NO.					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE SHEET 7		SD-47151-001					
			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								
					SHEET NO. 3 OF 8								

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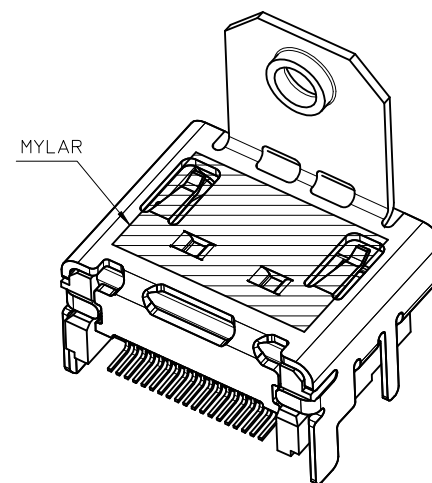
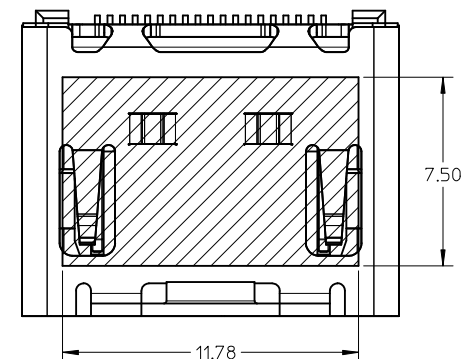
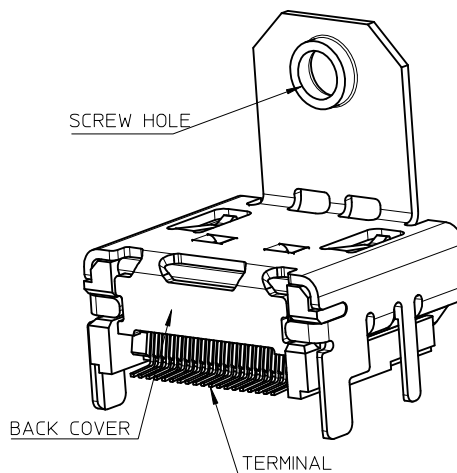
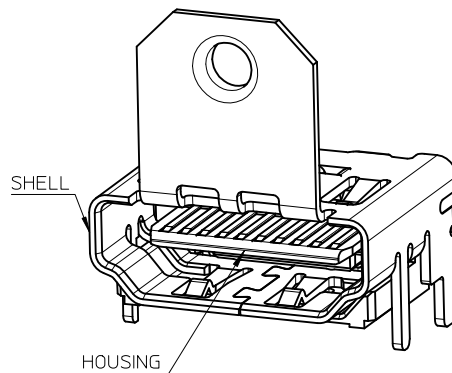
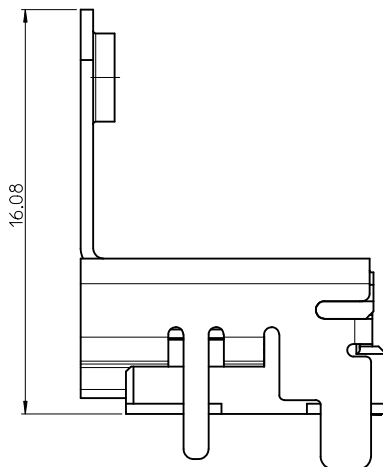
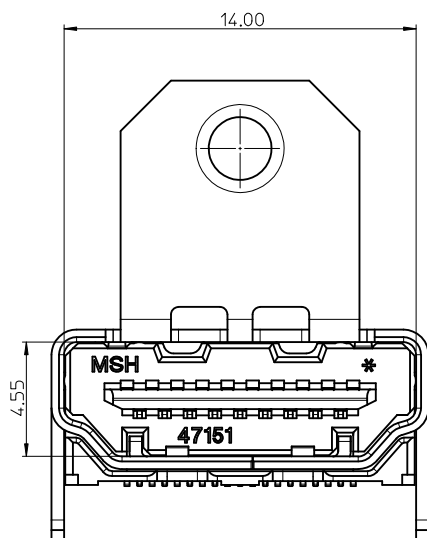
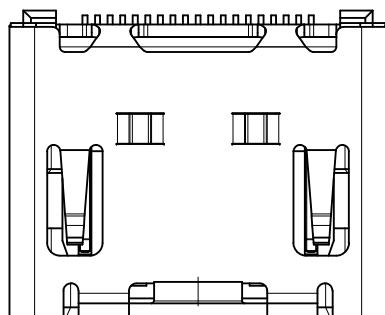
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WITH BACK COVER



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
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.
4 OF 8

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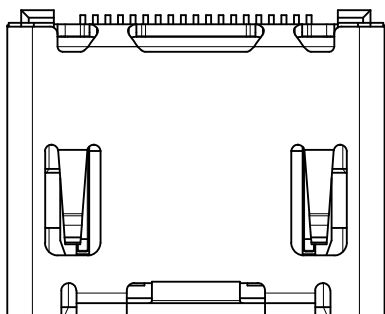
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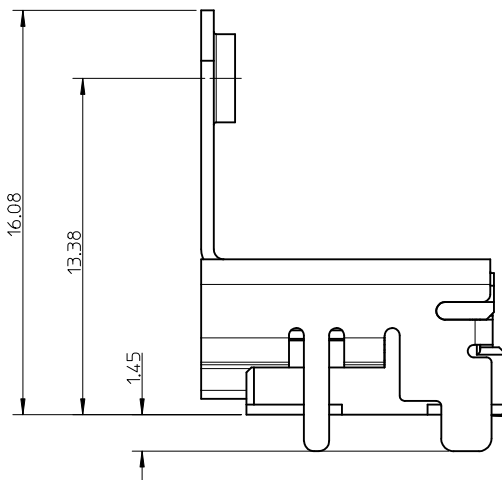
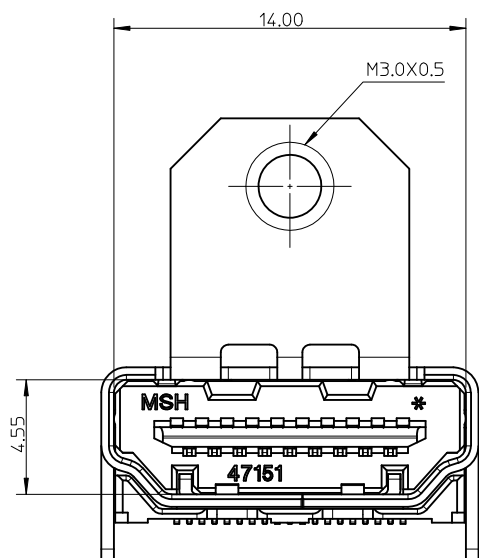
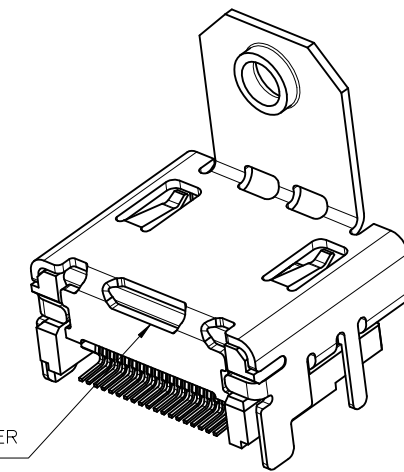
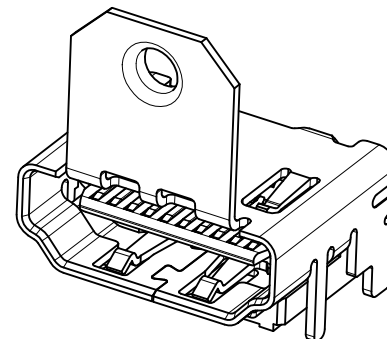
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WITHOUT TOP HOLE



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

QUALITY SYMBOLS	DESCRIPTION
$\nabla_F = 0$	
$\nabla_E = 0$	
$\nabla_B = 0$	

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 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
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	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>47151-0101</td><td>NATURE</td><td>SEE NOTE 2 (1)</td></tr><tr><td>47151-0141</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>47151-0151</td><td>SEE NOTE 2 (2)</td></tr><tr><td>47151-0111</td><td>SEE NOTE 2 (3)</td></tr><tr><td>47151-0181</td><td>SEE NOTE 2 (1)</td></tr><tr><td>47151-0161</td><td>SEE NOTE 2 (2)</td></tr><tr><td>47151-0121</td><td>SEE NOTE 2 (3)</td></tr><tr><td>47151-0131</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>47151-0002</td><td>NATURE</td><td>SEE NOTE 2 (1)</td></tr><tr><td>47151-0042</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>47151-0062</td><td>SEE NOTE 2 (2)</td></tr><tr><td>47151-0012</td><td>SEE NOTE 2 (3)</td></tr><tr><td>47151-0052</td><td>SEE NOTE 2 (1)</td></tr><tr><td>47151-0072</td><td>SEE NOTE 2 (2)</td></tr><tr><td>47151-0022</td><td>SEE NOTE 2 (3)</td></tr><tr><td>47151-0032</td><td>SEE NOTE 2 (1)</td></tr><tr><td>47151-0102</td><td>SEE NOTE 2 (1)</td><td rowspan="2">SEE NOTE 2 (b)</td></tr><tr><td>47151-0142</td><td>SEE NOTE 2 (2)</td></tr><tr><td>47151-0162</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>47151-0112</td><td>SEE NOTE 2 (2)</td></tr><tr><td>47151-0152</td><td>SEE NOTE 2 (3)</td></tr><tr><td>47151-0172</td><td>SEE NOTE 2 (1)</td></tr><tr><td>47151-0122</td><td>SEE NOTE 2 (2)</td></tr><tr><td>47151-0132</td><td>SEE NOTE 2 (3)</td></tr><tr><td>47151-0132</td><td>SEE NOTE 2 (1)</td><td rowspan="2">SEE NOTE 2 (b)</td></tr><tr><td>47151-6002</td><td>NATURE</td><td>SEE NOTE 2 (1)</td></tr><tr><td>47151-6062</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 rowspan="3">W/O</td><td>BLACK</td><td>SEE NOTE 2 (1)</td><td rowspan="6">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 rowspan="3">1.45</td><td rowspan="3">1.45</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 rowspan="3">W/O</td><td>BLACK</td><td>SEE NOTE 2 (1)</td></tr><tr><td>47151-6172</td><td>SEE NOTE 2 (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)	47151-0101	NATURE	SEE NOTE 2 (1)	47151-0141	1.45	1.45	/	/	/	W/O	W/O	WITH	W/O	BLACK	SEE NOTE 2 (1)	SEE NOTE 2 (a)	47151-0151	SEE NOTE 2 (2)	47151-0111	SEE NOTE 2 (3)	47151-0181	SEE NOTE 2 (1)	47151-0161	SEE NOTE 2 (2)	47151-0121	SEE NOTE 2 (3)	47151-0131	SEE NOTE 2 (1)	47151-0131	BLACK	SEE NOTE 2 (1)	SEE NOTE 2 (b)	47151-0002	NATURE	SEE NOTE 2 (1)	47151-0042	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	47151-0062	SEE NOTE 2 (2)	47151-0012	SEE NOTE 2 (3)	47151-0052	SEE NOTE 2 (1)	47151-0072	SEE NOTE 2 (2)	47151-0022	SEE NOTE 2 (3)	47151-0032	SEE NOTE 2 (1)	47151-0102	SEE NOTE 2 (1)	SEE NOTE 2 (b)	47151-0142	SEE NOTE 2 (2)	47151-0162	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)	47151-0112	SEE NOTE 2 (2)	47151-0152	SEE NOTE 2 (3)	47151-0172	SEE NOTE 2 (1)	47151-0122	SEE NOTE 2 (2)	47151-0132	SEE NOTE 2 (3)	47151-0132	SEE NOTE 2 (1)	SEE NOTE 2 (b)	47151-6002	NATURE	SEE NOTE 2 (1)	47151-6062	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)	E
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																																																																																																																																																																																			
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47151-0031	BLACK	SEE NOTE 2 (1)	SEE NOTE 2 (b)																																																																																																																																																																																													
47151-0101	NATURE	SEE NOTE 2 (1)																																																																																																																																																																																														
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47151-0131	BLACK	SEE NOTE 2 (1)	SEE NOTE 2 (b)																																																																																																																																																																																													
47151-0002	NATURE	SEE NOTE 2 (1)																																																																																																																																																																																														
47151-0042	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																																																																																																																																																																																			
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47151-6002	NATURE	SEE NOTE 2 (1)																																																																																																																																																																																														
47151-6062	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)																																																																																																																																																																																					
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A	<table><tr><td rowspan="2">SEE SHEET 1 EC NO: SH2010-0164 DRWN:XOZHANG 2009/10/20 CHKD:GLI 2009/10/21 APPR:XJ SONG 2009/11/30</td><td rowspan="2">REV</td><td rowspan="2">DESCRIPTION</td><td rowspan="2">QUALITY SYMBOLS $\nabla_A=0$ $\nabla_B=0$ $\nabla_F=0$</td><td rowspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± 3 °</td><td rowspan="2">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. SD-47151-001</td><td rowspan="2">SCALE 1:1 TITLE 1.0 HDMI RIGHT ANGLE HEADER ASSEMBLY(19 PIN) LEAD FREE</td><td rowspan="2">DESIGN UNITS METRIC THIRD ANGLE PROJECTION</td><td rowspan="2">MOLEX INCORPORATED</td><td rowspan="2">DOCUMENT NO. SD-47151-001</td><td rowspan="2">SHEET NO. 6 OF 8</td></tr><tr><td>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td>SIZE A3</td><td>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:XJ SONG 2009/11/30	REV	DESCRIPTION	QUALITY SYMBOLS $\nabla_A=0$ $\nabla_B=0$ $\nabla_F=0$	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± 3 °	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. SD-47151-001	SCALE 1:1 TITLE 1.0 HDMI RIGHT ANGLE HEADER ASSEMBLY(19 PIN) LEAD FREE	DESIGN UNITS METRIC THIRD ANGLE PROJECTION	MOLEX INCORPORATED	DOCUMENT NO. SD-47151-001	SHEET NO. 6 OF 8	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	A																																																																																																																																																																							
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Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «JONHON», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «FORSTAR».



JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели,
кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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