This document was generated on 05/19/2010

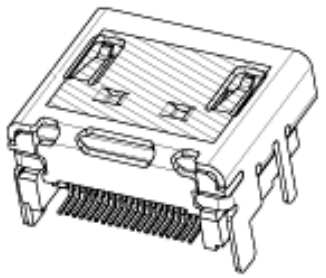
**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** 0471511061

**Status:** Active

**Overview:** high_definition_multimedia_interface_hdmi

**Description:** 0.50mm (.020") Pitch HDMI* Receptacle, Right Angle, Front Solder Tab Length 1.80mm (.071"), Contact 0.76µm (30µ") Gold (Au) Plated, with Back Cover and Mylar, without Upper Flange, Tape and Reel Package, BlackHousing, 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) | 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 |

**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 HDMIAdapter

## 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

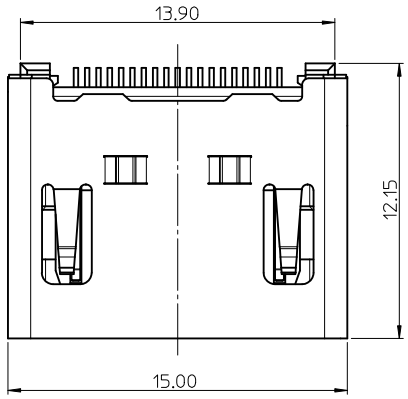
## Reference - Drawing Numbers

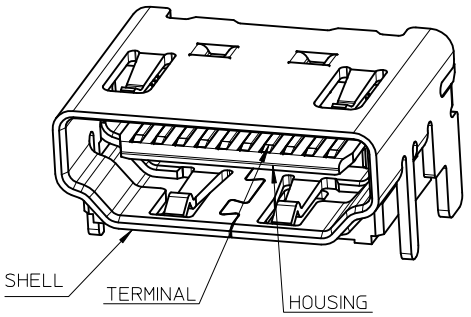
| | |
|---|---|
| Packaging Specification | PK-47151-001 |
| Product Specification | PS-47152-001 |
| Sales Drawing | SD-47151-001 |

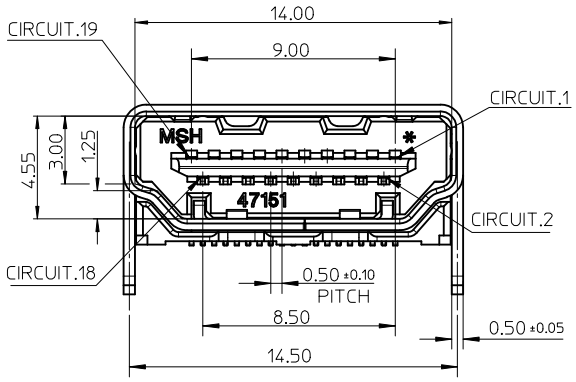
* High Definition Multimedia Interface and HDMI are trademarks of HDMI Licensing, LLC.

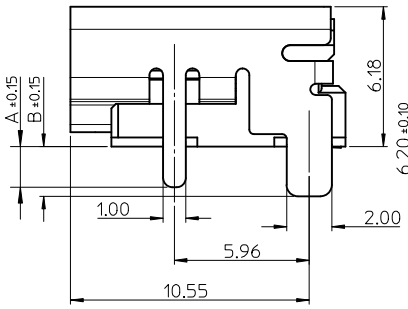
NOTES:

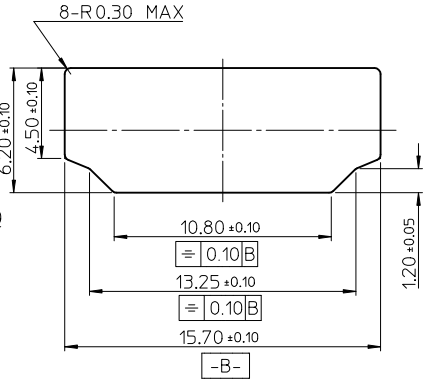
1. MATERIAL:
   HOUSING: THERMOPLASTIC . COLOR: SEE TABLE.
   SHELL: COPPER ALLOY.
   TERMINAL: COPPER ALLOY.
2. PLATING:
   TERMINAL:
   CONTACT AREA: (1) 0.76 MICROMETER MIN. GOLD PLATING.
   (2) 0.25 MICROMETER MIN. GOLD PLATING.
   (3) GOLD FLASH.
   (4) 0.375 MICROMETER MIN. GOLD PLATING.
   SOLDER 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



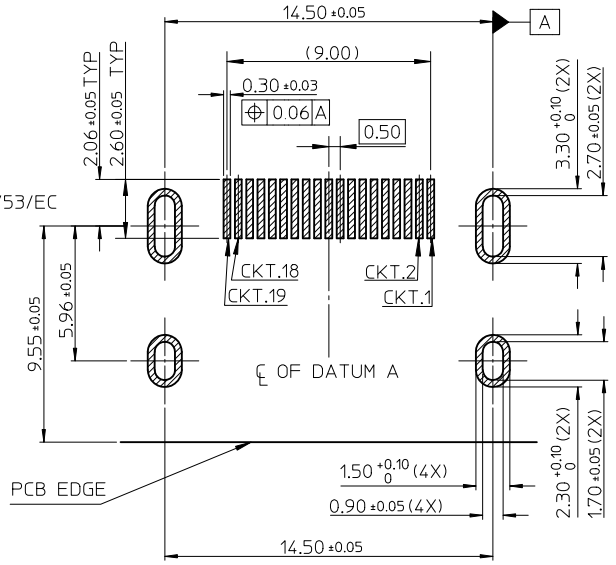



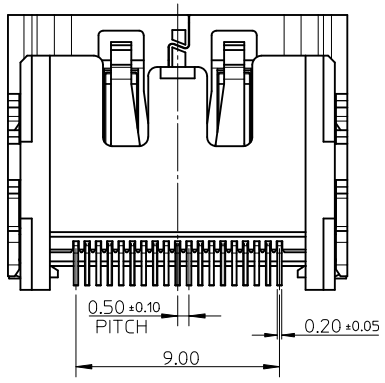



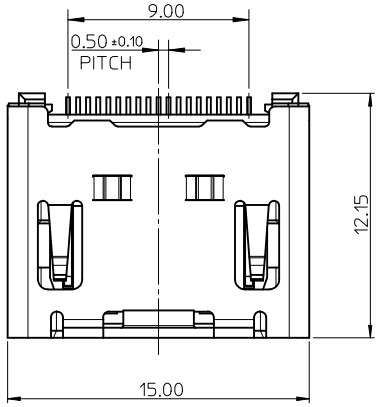

RECOMMENDED PANEL CUT OUT DIMENSION

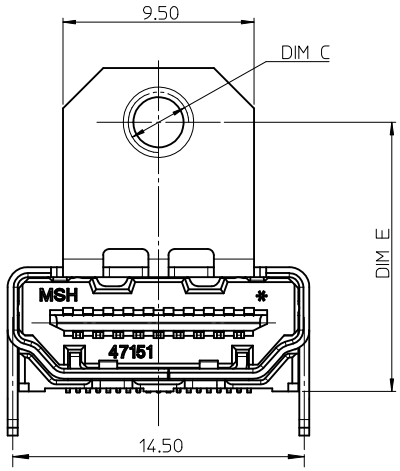


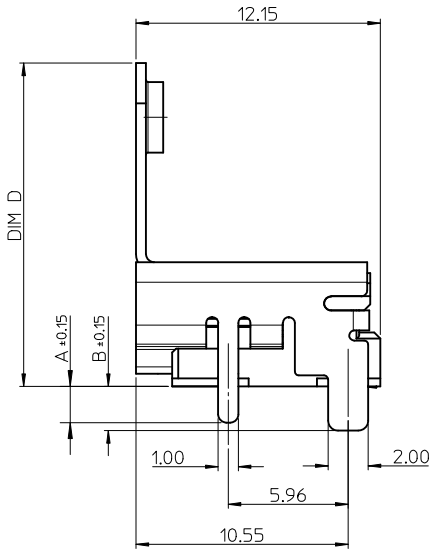

RECOMMENDED PCB LAYOUT
CONNECTOR SIDE

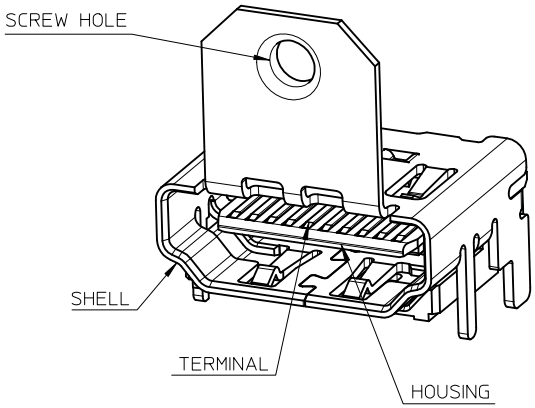



| | | | | | |
|---|---|---|---|---|---|
| ADD PART NUMBER<br>EC NO: SH2010-0164 2009/10/20<br>DRWN:XQZHANG 2009/10/21<br>CH'KD:GLI 2009/11/30<br>APPR:XJSONG | DESCRIPTION | QUALITY SYMBOLS<br>FA=0<br>FC=0<br>FP=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)<br>mm / INCH<br>4 PLACES ± --- / ± ---<br>3 PLACES ± --- / ± ---<br>2 PLACES ± 0.25 / ± ---<br>1 PLACE ± 0.25 / ± ---<br>ANGULAR ± 3 °<br>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | DIMENSION STYLE: MM ONLY<br>DRAWN BY: RZHANG DATE: 2004/07/20<br>CHECKED BY: GRMA DATE: 2004/07/20<br>APPROVED BY: YTYAP DATE: 2004/07/20<br>MATERIAL NO.: SEE SHEET 6 | SCALE: 5:1<br>DESIGN UNITS: METRIC<br>THIRD ANGLE PROJECTION<br>TITLE: 1.0 HDMI RIGHT ANGLE HEADER ASSEMBLY(19 PIN) LEAD FREE<br>MOLEX INCORPORATED<br>DOCUMENT NO.: SD-47151-001<br>SHEET NO.: 1 OF 8<br>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 |

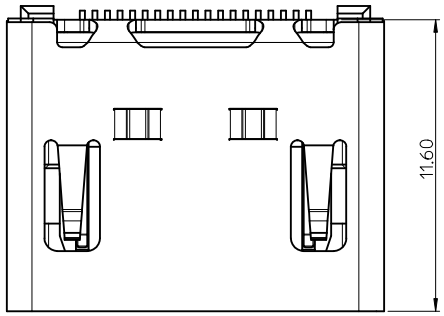
TITLE: 1.0 HDMI RIGHT ANGLE HEADER ASSEMBLY(19 PIN) LEAD FREE

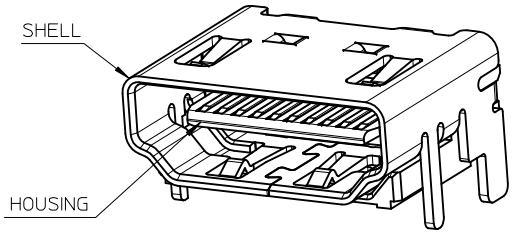
molex MOLEX INCORPORATED

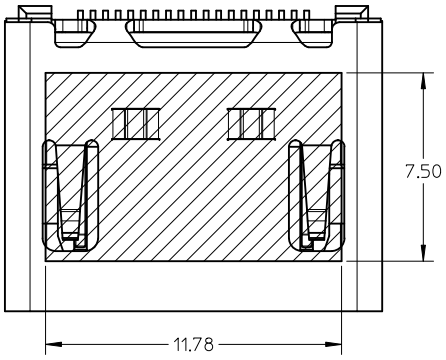
MATERIAL NO.: SEE SHEET 6
DOCUMENT NO.: SD-47151-001
SHEET NO.: 2 OF 8
SIZE: A3

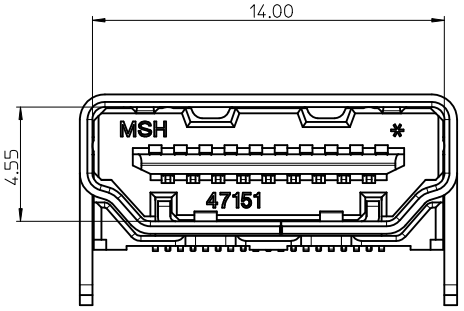
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

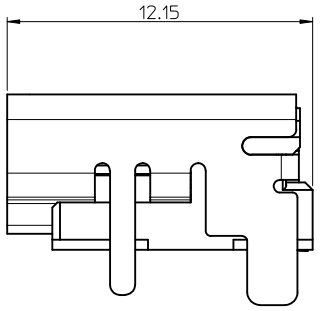
# WITH BACK COVER

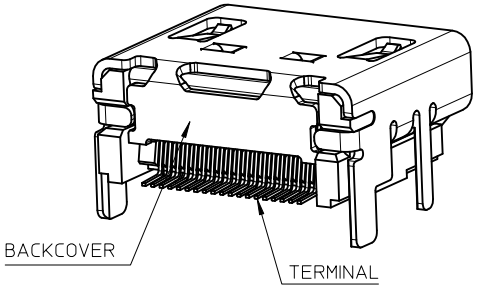


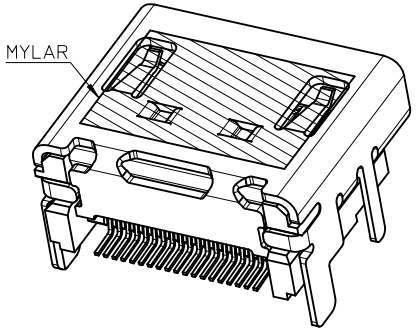




NOTES:

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 |

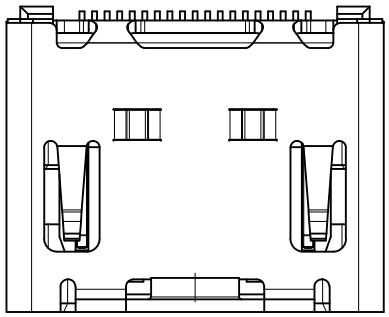
TITLE: 1.0 HDMI RIGHT ANGLE HEADER ASSEMBLY(19 PIN) LEAD FREE

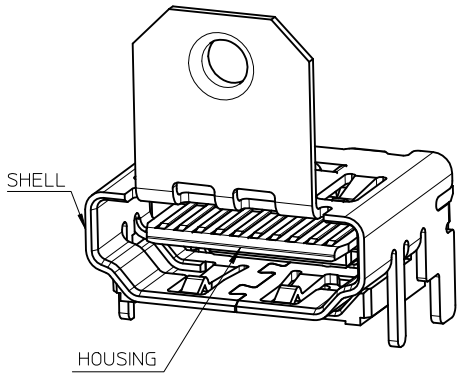
MOLEX INCORPORATED

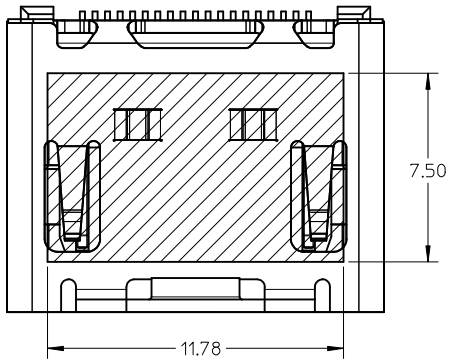
MATERIAL NO.: SEE SHEET 7
DOCUMENT NO.: SD-47151-001
SHEET NO.: 3 OF 8
SIZE: A3

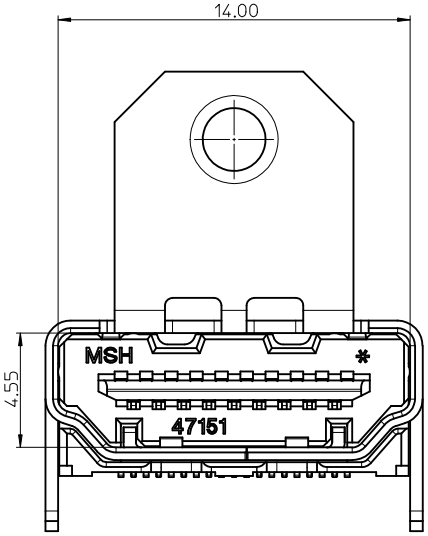
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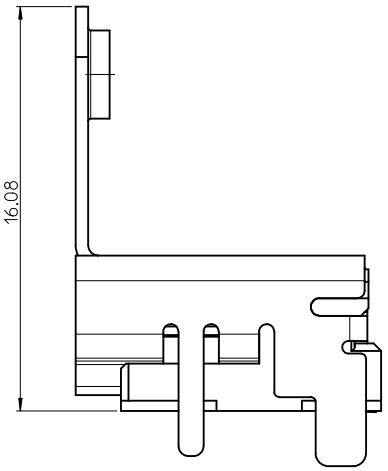
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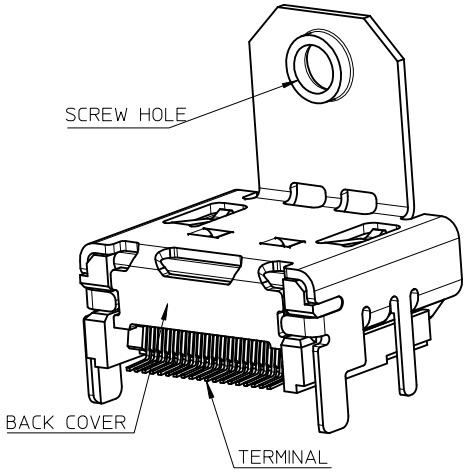


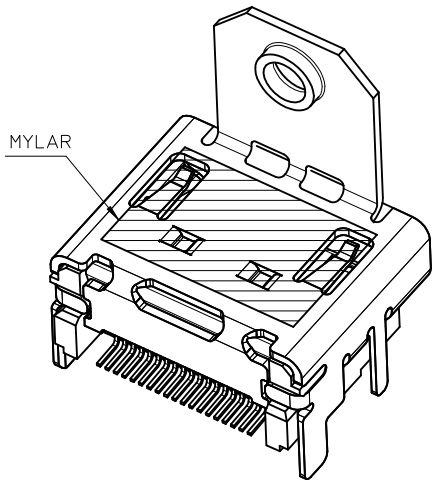



THIS IS ONLY FOR

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

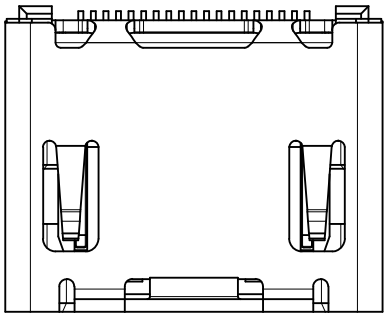
DRAWN BY: RZHANG DATE: 2004/07/20
CHECKED BY: GRMA DATE: 2004/07/20
APPROVED BY: YTYAP DATE: 2004/07/20

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

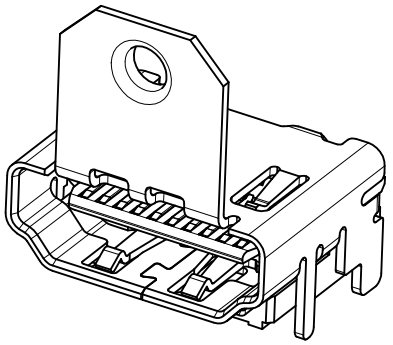
MOLEX INCORPORATED

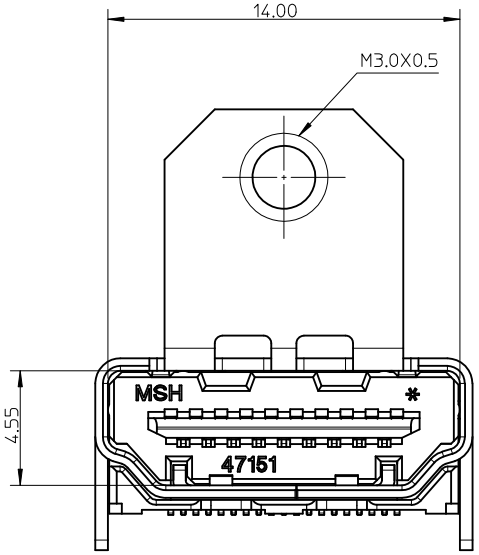
MATERIAL NO.: SEE SHEET 8
DOCUMENT NO.: SD-47151-001
SHEET NO.: 4 OF 8
SIZE: A3

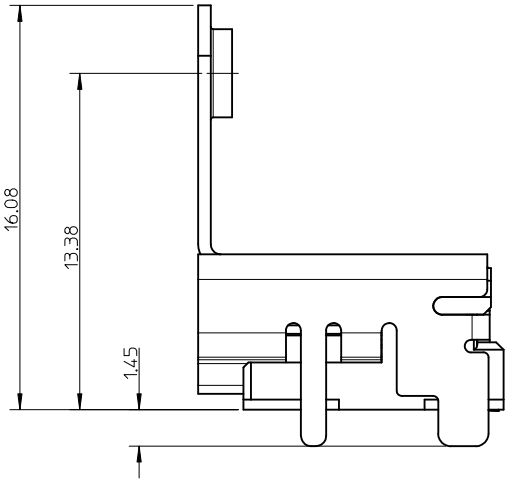
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

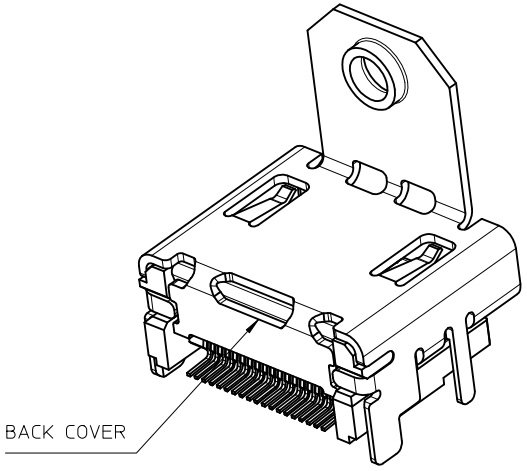


WITHOUT TOP HOLE






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

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 | | | | |
| 47151-1002 | 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
$\sqrt{F_C}$=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 | 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
SHEET NO.: 8 OF 8
SIZE: A3

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