

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

**Part Number:** [0310671071](#)  
**Status:** **Active**  
**Overview:** [hdac 64 single row](#)  
**Description:** 2.54mm (.100") H-DAC 64™, 3 Way Male Housing Assembly, Single-Row, Polarization B, with Xmas Tree Attachment

**Documents:**

[Application Specification \(PDF\)](#)      [Product Specification PS-31067-0001 \(PDF\)](#)  
[Drawing \(PDF\)](#)      [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family      Crimp Housings  
Series      31067  
Comments      Polarization Option B, Gray  
Overview      [hdac 64 single row](#)  
Product Name      H-DAC 64™

**Physical**

Circuits (maximum)      3  
Circuits Detail      3  
Color - Resin      Gray  
Gender      Male  
Glow-Wire Compliant      No  
Keying to Mating Part      None  
Lock to Mating Part      Yes  
Material - Resin      Modified Polystyrene, Polyester  
Number of Rows      1  
Packaging Type      Bag  
Panel Mount      No  
Pitch - Mating Interface (in)      0.100 In  
Pitch - Mating Interface (mm)      2.54 mm  
Pitch - Term. Interface (in)      0.100 In  
Pitch - Term. Interface (mm)      2.54 mm  
Polarized to Mating Part      Yes  
Ports      1  
Stackable      No  
Temperature Range - Operating      -40°C to +100°C

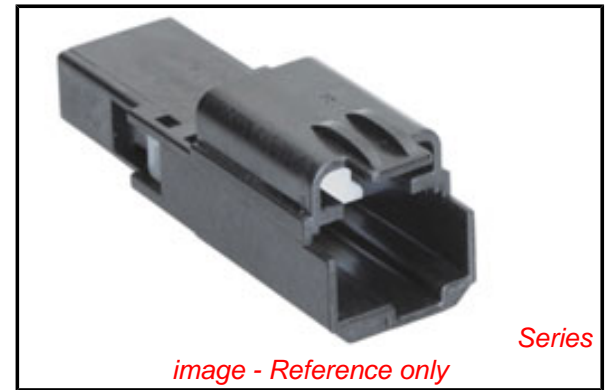
**Electrical**

Current - Maximum per Contact      11A, 9A

**Material Info**

**Reference - Drawing Numbers**

Application Specification      AS-31067-100  
Packaging Specification      PK-30907-737, PK-31301-076  
Product Specification      PS-31067-0001  
Sales Drawing      SD-31110-003



*image - Reference only*

**EU RoHS**

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

**China RoHS**



**Not Reviewed**

**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto: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**

31067Series

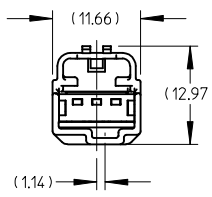
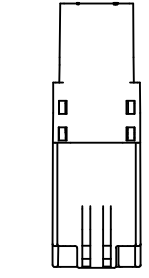
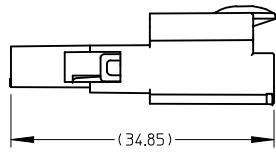
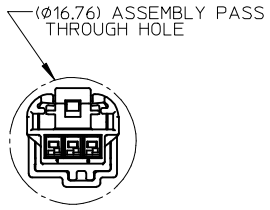
**Mates With**

31101 H-DAC 64™ Vertical Header

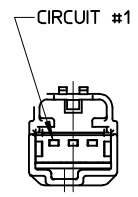
**Use With**

See Product Spec

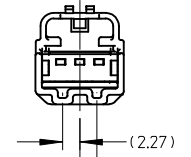
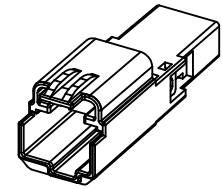
3 WAY MALE HOUSING ASSEMBLY  
WITHOUT XMAS TREE  
(VIEWED FROM MATE SIDE)



OPTION "A"



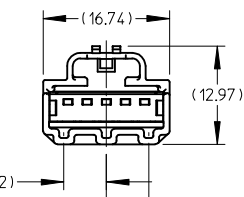
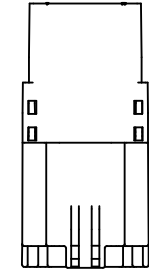
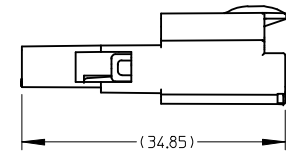
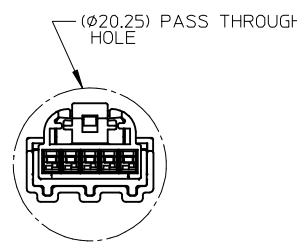
OPTION "B"



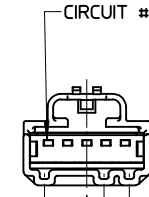
OPTION "C"

VIEWED FROM MATE SIDE

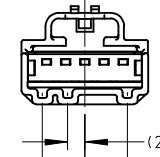
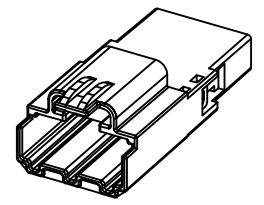
5 WAY MALE HOUSING ASSEMBLY  
WITHOUT XMAS TREE  
(VIEWED FROM MATE SIDE)



OPTION "A"



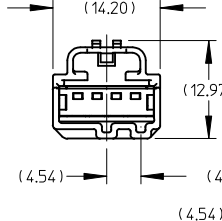
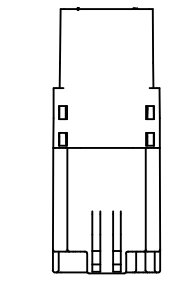
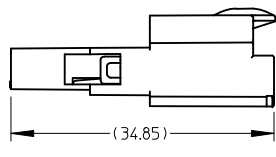
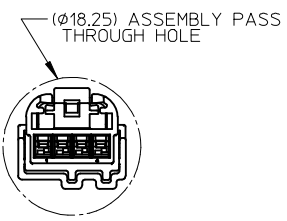
OPTION "B"



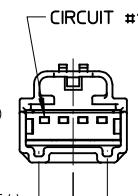
OPTION "C"

VIEWED FROM MATE SIDE

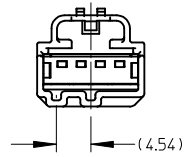
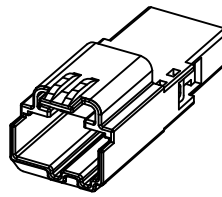
4 WAY MALE HOUSING ASSEMBLY  
WITHOUT XMAS TREE  
(VIEWED FROM MATE SIDE)



OPTION "A"



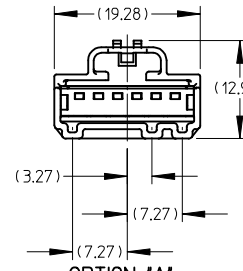
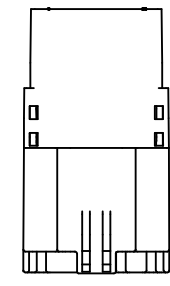
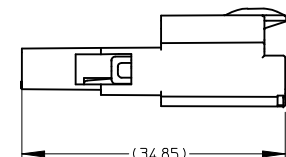
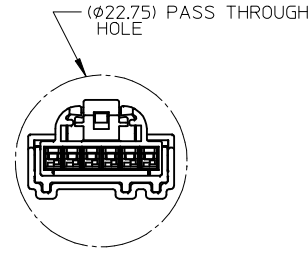
OPTION "B"



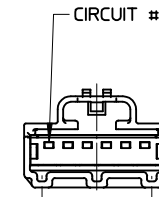
OPTION "C"

VIEWED FROM MATE SIDE

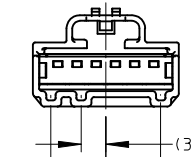
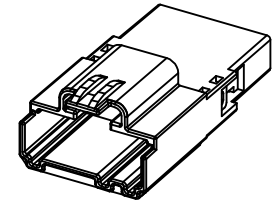
6 WAY MALE HOUSING ASSEMBLY  
WITHOUT XMAS TREE  
(VIEWED FROM MATE SIDE)



OPTION "A"



OPTION "B"



OPTION "C"

VIEWED FROM MATE SIDE

NOTES:

1. MATERIAL: HOUSING: SPS GLASS FILLED, COLOR SEE CHART.  
TPA: PBT.
2. PRODUCT SPECIFICATION: PS-31067-0001.
3. PACKAGING SPECIFICATION: DRAWING PK-31301-067.
4. MATES WITH: SEE SALES DRAWINGS SD-31109-003.

EC NO: UAU2009-1155  
DRWN: THERUF02009/05/12  
CHK: TANGELI2009/05/14  
APPR: MKNACK 2009/05/14

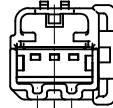
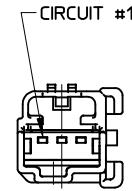
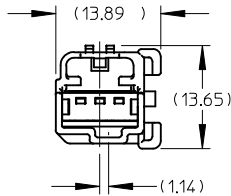
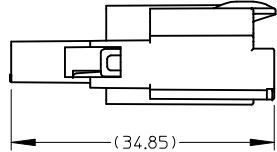
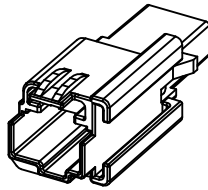
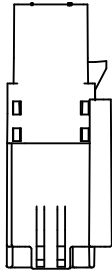
| QUALITY SYMBOLS | DESCRIPTION |
|-----------------|-------------|
| ▽-0             |             |
| ▽C-0            |             |

| GENERAL TOLERANCES (UNLESS SPECIFIED)                |              |
|--|--------------|
|  | mm INCH      |
| 4 PLACES ±   | 0.13 ± 0.005 |
| 3 PLACES ±   | 0.25 ± 0.010 |
| 2 PLACES ±   | 0.38 ± 0.015 |
| 1 PLACE ±  | 0.51 ± 0.020 |
| ANGULAR ± 1/2 °                                      |              |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |              |

|                         |                     |
|-------------------------|---------------------|
| SCALE 2:1               | DESIGN UNITS METRIC |
| DIMENSION STYLE MM ONLY |                     |
| DRAWN BY                | DATE                |
| DEMOE                   | 01/04/04            |
| CHECKED BY              | DATE                |
| APPROVED BY             | DATE                |

|   |                           |
|---|---------------------------|
| THIRD ANGLE PROJECTION  | REVISE ON CAD ONLY        |
| MALE ASSEMBLY CHARTED SALES DRAWING   |                           |
| MOLEX INCORPORATED  |                           |
| MATERIAL NO. SEE CHART  | DOCUMENT NO. SD-31110-003 |
| SHEET NO. 1 OF 3  |                           |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                           |

3 WAY MALE HOUSING ASSEMBLY WITH XMAS TREE (VIEWED FROM MATE SIDE)

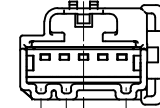
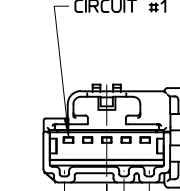
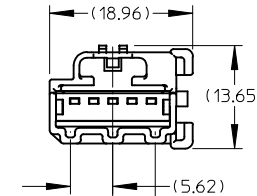
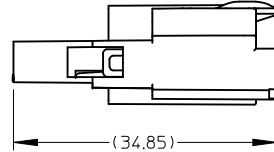
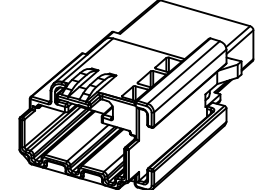
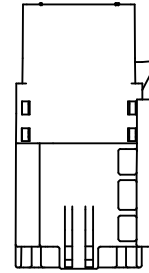


OPTION "A"

OPTION "B" VIEWED FROM MATE SIDE

OPTION "C"

5 WAY MALE HOUSING ASSEMBLY WITH XMAS TREE (VIEWED FROM MATE SIDE)

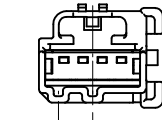
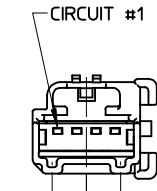
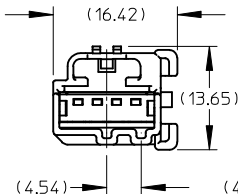
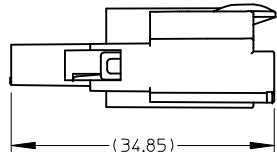
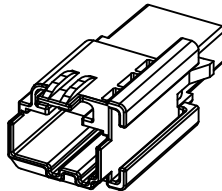
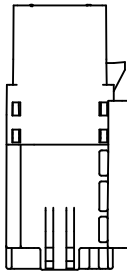


OPTION "A"

OPTION "B" VIEWED FROM MATE SIDE

OPTION "C"

4 WAY MALE HOUSING ASSEMBLY WITH XMAS TREE (VIEWED FROM MATE SIDE)

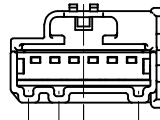
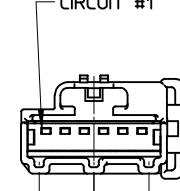
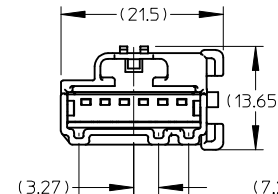
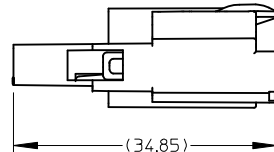
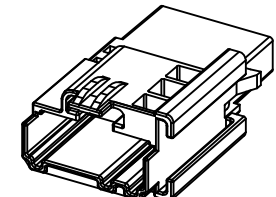
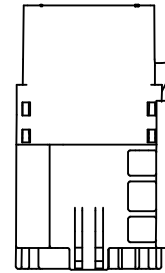


OPTION "A"

OPTION "B" VIEWED FROM MATE SIDE

OPTION "C"

6 WAY MALE HOUSING ASSEMBLY WITH XMAS TREE (VIEWED FROM MATE SIDE)



OPTION "A"

OPTION "B" VIEWED FROM MATE SIDE

OPTION "C"

EC NO: UAU2009-1155  
 DRWN: THERFURT009/05/12  
 CHKD: TSMITH 2009/05/14  
 APPR: TANGELLO2009/05/14

| QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) |       |
|-----------------|---------------------------------------|-------|
| ▽ = 0           | mm                                    | INCH  |
|                 | 4 PLACES ± ---                        | ± --- |
| ▽C = 0          | 3 PLACES ± ---                        | ± --- |
|                 | 2 PLACES ± 0.13                       | ± --- |
|                 | 1 PLACE ± 0.25                        | ± --- |
|                 | ANGULAR ± 1/2°                        |       |

DRAFT WHERE APPLICABLE  
 MUST REMAIN WITHIN DIMENSIONS

SCALE 2:1  
 DESIGN UNITS METRIC  
 DIMENSION STYLE MM ONLY  
 DRAWN BY DATE  
 DEMEO 01/04/04  
 CHECKED BY DATE  
 APPROVED BY DATE

THIRD ANGLE PROJECTION  
 REVISE ON CAD ONLY  
 TITLE  
 MALE ASSEMBLY CHARTED SALES DRAWING  
 MOLEX MOLEX INCORPORATED  
 MATERIAL NO. DOCUMENT NO. SHEET NO.  
 ENTER-PART SD-31110-003 2 OF 3  
 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

BILL OF MATERIALS

BILL OF MATERIALS

| ASSEMBLY PART NUMBER | DESCRIPTION                          | XMAS TREE ATTACHMENT FEATURE | PART NUMBER | DESCRIPTION  | COLOR           |
|----------------------|--------------------------------------|------------------------------|-------------|--------------|-----------------|
| 31067-1040           | 3 WAY MALE ASSEMBLY POLARIZATION "A" | NO                           | 31112-0030  | MALE HOUSING | BLACK           |
|                      |                                      |                              | 31114-0030  | TPA          | NATURAL (WHITE) |
| 31067-1041           | 3 WAY MALE ASSEMBLY POLARIZATION "B" | NO                           | 31112-0031  | MALE HOUSING | GRAY            |
|                      |                                      |                              | 31114-0030  | TPA          | NATURAL (WHITE) |
| 31067-1042           | 3 WAY MALE ASSEMBLY POLARIZATION "C" | NO                           | 31112-0032  | MALE HOUSING | BROWN           |
|                      |                                      |                              | 31114-0030  | TPA          | NATURAL (WHITE) |
| 31067-1070           | 3 WAY MALE ASSEMBLY POLARIZATION "A" | YES                          | 31112-1030  | MALE HOUSING | BLACK           |
|                      |                                      |                              | 31114-0030  | TPA          | NATURAL (WHITE) |
| 31067-1071           | 3 WAY MALE ASSEMBLY POLARIZATION "B" | YES                          | 31112-1031  | MALE HOUSING | GRAY            |
|                      |                                      |                              | 31114-0030  | TPA          | NATURAL (WHITE) |
| 31067-1072           | 3 WAY MALE ASSEMBLY POLARIZATION "C" | YES                          | 31112-1032  | MALE HOUSING | BROWN           |
|                      |                                      |                              | 31114-0030  | TPA          | NATURAL (WHITE) |
| 31068-1040           | 4 WAY MALE ASSEMBLY POLARIZATION "A" | NO                           | 31166-0040  | MALE HOUSING | BLACK           |
|                      |                                      |                              | 31167-0040  | TPA          | NATURAL (WHITE) |
| 31068-1041           | 4 WAY MALE ASSEMBLY POLARIZATION "B" | NO                           | 31166-0031  | MALE HOUSING | GRAY            |
|                      |                                      |                              | 31167-0040  | TPA          | NATURAL (WHITE) |
| 31068-1042           | 4 WAY MALE ASSEMBLY POLARIZATION "C" | NO                           | 31166-0032  | MALE HOUSING | BROWN           |
|                      |                                      |                              | 31167-0040  | TPA          | NATURAL (WHITE) |
| 31068-1070           | 4 WAY MALE ASSEMBLY POLARIZATION "A" | YES                          | 31166-1040  | MALE HOUSING | BLACK           |
|                      |                                      |                              | 31167-0040  | TPA          | NATURAL (WHITE) |
| 31068-1071           | 4 WAY MALE ASSEMBLY POLARIZATION "B" | YES                          | 31166-1041  | MALE HOUSING | GRAY            |
|                      |                                      |                              | 31167-0040  | TPA          | NATURAL (WHITE) |
| 31068-1072           | 4 WAY MALE ASSEMBLY POLARIZATION "C" | YES                          | 31166-1042  | MALE HOUSING | BROWN           |
|                      |                                      |                              | 31167-0040  | TPA          | NATURAL (WHITE) |

| ASSEMBLY PART NUMBER | DESCRIPTION                          | XMAS TREE ATTACHMENT FEATURE | PART NUMBER | DESCRIPTION  | COLOR           |
|----------------------|--------------------------------------|------------------------------|-------------|--------------|-----------------|
| 31072-1040           | 5 WAY MALE ASSEMBLY POLARIZATION "A" | NO                           | 31169-0050  | MALE HOUSING | BLACK           |
|                      |                                      |                              | 31170-0050  | TPA          | NATURAL (WHITE) |
| 31072-1041           | 5 WAY MALE ASSEMBLY POLARIZATION "B" | NO                           | 31169-0051  | MALE HOUSING | GRAY            |
|                      |                                      |                              | 31170-0050  | TPA          | NATURAL (WHITE) |
| 31072-1042           | 5 WAY MALE ASSEMBLY POLARIZATION "C" | NO                           | 31169-0052  | MALE HOUSING | BROWN           |
|                      |                                      |                              | 31170-0050  | TPA          | NATURAL (WHITE) |
| 31072-1070           | 5 WAY MALE ASSEMBLY POLARIZATION "A" | YES                          | 31169-1050  | MALE HOUSING | BLACK           |
|                      |                                      |                              | 31170-0050  | TPA          | NATURAL (WHITE) |
| 31072-1071           | 5 WAY MALE ASSEMBLY POLARIZATION "B" | YES                          | 31169-1051  | MALE HOUSING | GRAY            |
|                      |                                      |                              | 31170-0050  | TPA          | NATURAL (WHITE) |
| 31072-1072           | 5 WAY MALE ASSEMBLY POLARIZATION "C" | YES                          | 31169-1052  | MALE HOUSING | BROWN           |
|                      |                                      |                              | 31170-0050  | TPA          | NATURAL (WHITE) |
| 31073-1040           | 6 WAY MALE ASSEMBLY POLARIZATION "A" | NO                           | 31172-0060  | MALE HOUSING | BLACK           |
|                      |                                      |                              | 31173-0060  | TPA          | NATURAL (WHITE) |
| 31073-1041           | 6 WAY MALE ASSEMBLY POLARIZATION "B" | NO                           | 31172-0061  | MALE HOUSING | GRAY            |
|                      |                                      |                              | 31173-0060  | TPA          | NATURAL (WHITE) |
| 31073-1042           | 6 WAY MALE ASSEMBLY POLARIZATION "C" | NO                           | 31172-0062  | MALE HOUSING | BROWN           |
|                      |                                      |                              | 31173-0060  | TPA          | NATURAL (WHITE) |
| 31073-1070           | 6 WAY MALE ASSEMBLY POLARIZATION "A" | YES                          | 31172-1060  | MALE HOUSING | BLACK           |
|                      |                                      |                              | 31173-0060  | TPA          | NATURAL (WHITE) |
| 31073-1071           | 6 WAY MALE ASSEMBLY POLARIZATION "B" | YES                          | 31172-1061  | MALE HOUSING | GRAY            |
|                      |                                      |                              | 31173-0060  | TPA          | NATURAL (WHITE) |
| 31073-1072           | 6 WAY MALE ASSEMBLY POLARIZATION "C" | YES                          | 31172-1062  | MALE HOUSING | BROWN           |
|                      |                                      |                              | 31173-0060  | TPA          | NATURAL (WHITE) |

|  |                 |  |  |   |                     |                           |                    |
|--|-----------------|--|--|---|---------------------|---------------------------|--------------------|
| EC NO: UAU2009-1155<br>DRWN: THERFU2009/05/12<br>CHK: TANGELL2009/05/14<br>APPR: MKNACK 2009/05/14 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED)                |  | SCALE 2:1   | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION    | REVISE ON CAD ONLY |
|  | ▽ - 0<br>∇ - 0  | mm   |  | INCH  |                     | DIMENSION STYLE           |                    |
|  |                 | 4 PLACES ± --- ± ---                                 |  | MM ONLY   |                     | DRAWN BY DATE             |                    |
|  |                 | 3 PLACES ± --- ± ---                                 |  | DRAWN BY DEMEO 01/04/04   |                     | CHECKED BY DATE           |                    |
| 2 PLACES ± 0.13 ± ---  |                 | ANGULAR ± 1/2 °                                      |  | APPROVED BY DATE  |                     | MATERIAL NO. DOCUMENT NO. |                    |
| 1 PLACE ± 0.25 ± ---   |                 | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |  | SEE CHART   |                     | SD-31110-003              |                    |
| E1   |                 |  |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                     | SHEET NO. 3 OF 3          |                    |