

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

**Part Number:** [0310731072](#)  
**Status:** **Active**  
**Overview:** [hdac 64 single row](#)  
**Description:** 2.54mm (.100") H-DAC 64™, 6 Way Male Housing Assembly, Single-Row, Polarization C, 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      [31073](#)  
Comments      Polarization Option C, Brown  
Overview      [hdac 64 single row](#)  
Product Name      H-DAC 64™

**Physical**

Circuits (maximum)      6  
Circuits Detail      6  
Color - Resin      Brown  
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

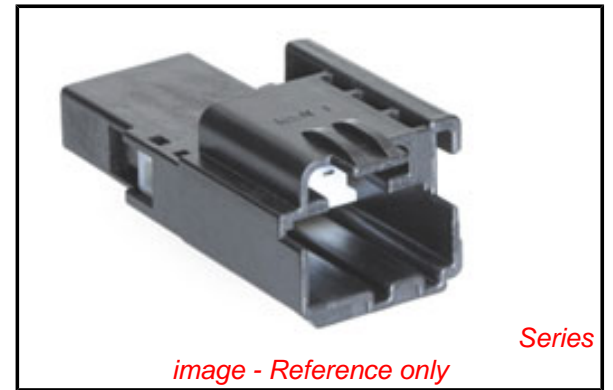
**Electrical**

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



**EU RoHS**

**ELV and RoHS  
Compliant  
REACH SVHC  
Contains SVHC: No  
Halogen-Free  
Status  
Not Reviewed**

**China RoHS**



**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**

[31073Series](#)

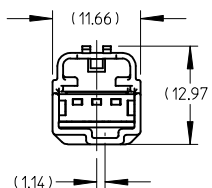
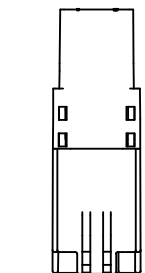
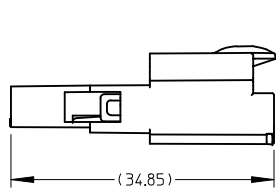
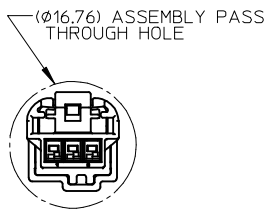
**Mates With**

H-DAC 64™, 6 Way Receptacle Assembly  
[310731012](#)

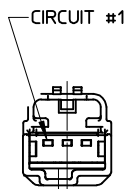
**Use With**

See Product Spec

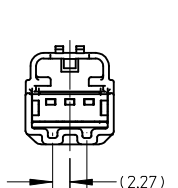
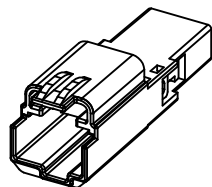
3 WAY MALE HOUSING ASSEMBLY  
WITHOUT XMAS TREE  
(VIEWED FROM MATE SIDE)



OPTION "A"



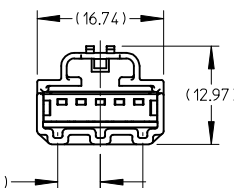
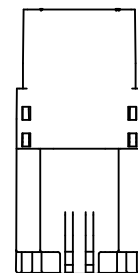
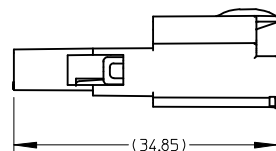
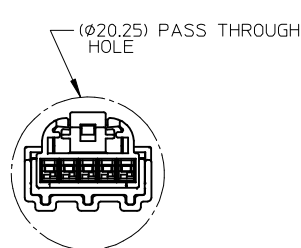
OPTION "B"



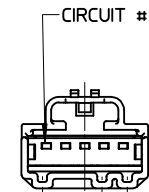
OPTION "C"

VIEWED FROM MATE SIDE

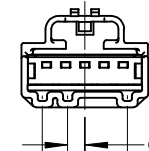
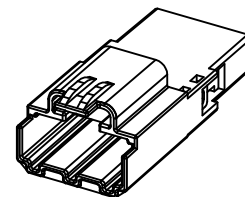
5 WAY MALE HOUSING ASSEMBLY  
WITHOUT XMAS TREE  
(VIEWED FROM MATE SIDE)



OPTION "A"



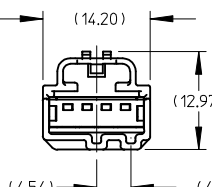
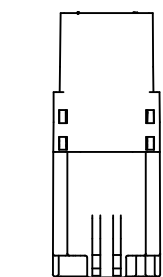
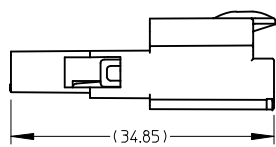
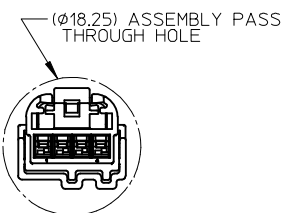
OPTION "B"



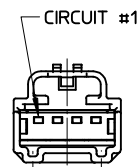
OPTION "C"

VIEWED FROM MATE SIDE

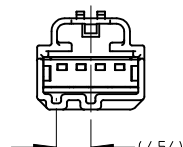
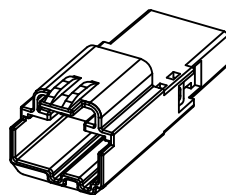
4 WAY MALE HOUSING ASSEMBLY  
WITHOUT XMAS TREE  
(VIEWED FROM MATE SIDE)



OPTION "A"



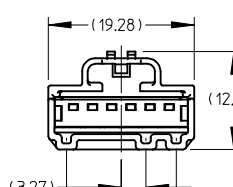
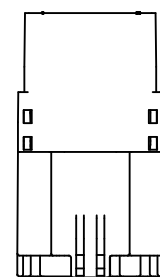
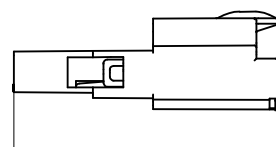
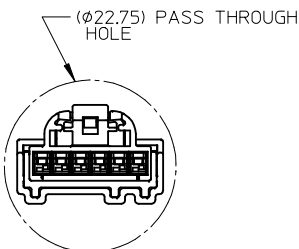
OPTION "B"



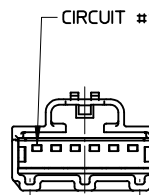
OPTION "C"

VIEWED FROM MATE SIDE

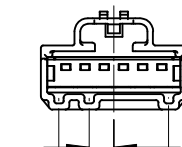
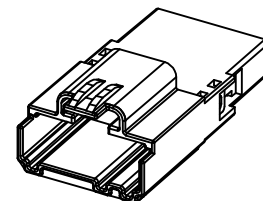
6 WAY MALE HOUSING ASSEMBLY  
WITHOUT XMAS TREE  
(VIEWED FROM MATE SIDE)



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

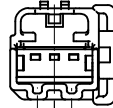
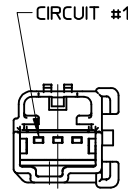
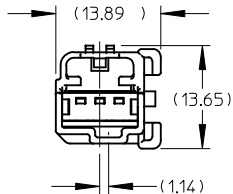
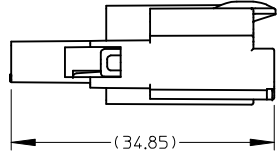
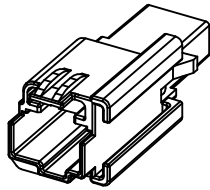
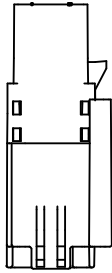
REV	DESCRIPTION
E1	

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	
	mm	INCH
▽-0	4 PLACES ± ---	± ---
	3 PLACES ± ---	± ---
	2 PLACES ± 0.13	± ---
	1 PLACE ± 0.25	± ---
∇-0	ANGULAR ± 1/2 °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

SCALE	DESIGN UNITS
2:1	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.	DOCUMENT NO.	SHEET NO.	
SEE CHART	SD-31110-003	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)



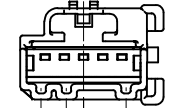
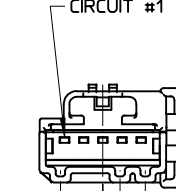
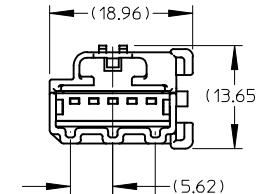
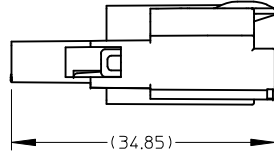
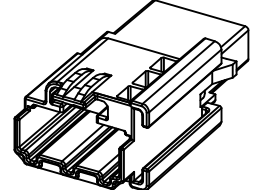
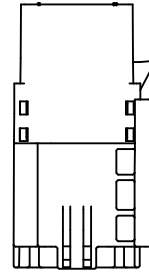
OPTION "A"

OPTION "B" VIEWED FROM MATE SIDE

OPTION "C"

(13.89)  
(13.65)  
(1.14)  
(1.14)  
(2.27)  
(2.27)

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



OPTION "A"

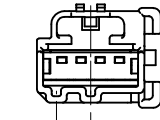
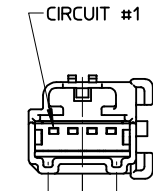
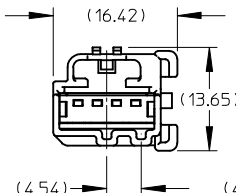
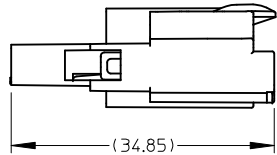
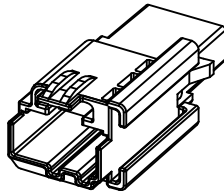
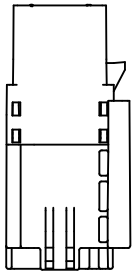
OPTION "B" VIEWED FROM MATE SIDE

OPTION "C"

(18.96)  
(13.65)  
(5.62)  
(5.62)  
(5.62)  
(5.62)  
(5.62)  
(5.62)

5 WAY MALE HOUSING ASSEMBLY WITH XMAS TREE

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



OPTION "A"

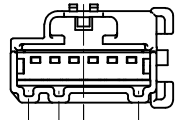
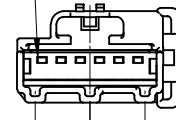
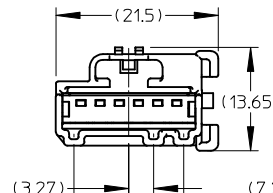
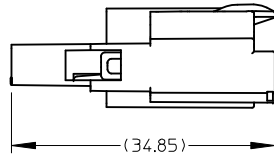
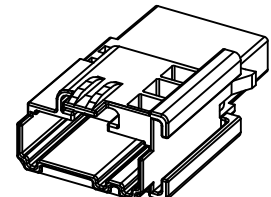
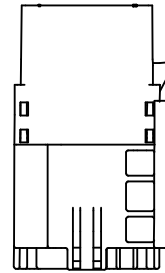
OPTION "B" VIEWED FROM MATE SIDE

OPTION "C"

(16.42)  
(13.65)  
(4.54)  
(4.54)  
(4.54)  
(4.54)

4 WAY MALE HOUSING ASSEMBLY WITH XMAS TREE

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



OPTION "A"

OPTION "B" VIEWED FROM MATE SIDE

OPTION "C"

(21.5)  
(13.65)  
(3.27)  
(7.27)  
(7.27)  
(7.27)  
(7.27)  
(7.27)

6 WAY MALE HOUSING ASSEMBLY WITH XMAS TREE

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. ENTER-PART  
DOCUMENT NO. SD-3110-003  
SHEET NO. 2 OF 3

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 DRWN: THERFU2009/05/12 CHK: TANGELL2009/05/14 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 ∇ - 0	mm	INCH	DIMENSION STYLE MM ONLY		MALE ASSEMBLY CHARTED SALES DRAWING		
		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	DRAWN BY	DATE			
		2 PLACES ± 0.13 ± ---	1 PLACE ± 0.25 ± ---	DEMEO	01/04/04			
REV	DESCRIPTION	ANGULAR ± 1/2 °		CHECKED BY	DATE	MOLEX INCORPORATED		
E1	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPROVED BY	DATE	MATERIAL NO.	DOCUMENT NO.	SHEET NO.		
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SEE CHART	SD-31110-003	3 OF 3	C	