

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0310731040](#)
Status: **Active**
Overview: [hdac_64_single_row](#)
Description: 2.54mm (.100") H-DAC 64™, 6 Way Male Housing Assembly, Single-Row, Polarization A

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

General
Product Family Crimp Housings
Series [31073](#)
Comments Polarization Option A, Black
Overview [hdac_64_single_row](#)
Product Name H-DAC 64™

Physical
Circuits (maximum) 6
Circuits Detail 6
Color - Resin Black
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 Series

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
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](#)

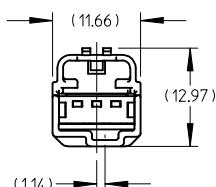
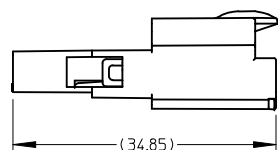
Mates With
H-DAC 64™, 6 Way Receptacle Assembly
[310731010](#)

Use With
See Product Spec

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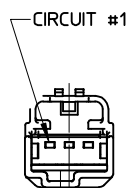
3 WAY MALE HOUSING ASSEMBLY WITHOUT XMAS TREE (VIEWED FROM MATE SIDE)

(Ø16.76) ASSEMBLY PASS
THROUGH HOLE



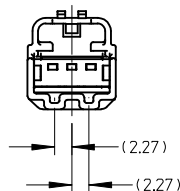
(1.14)

OPTION "A"



OPTION "B"

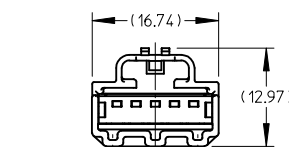
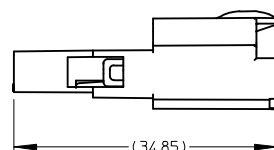
VIEWED FROM MATE SIDE



OPTION "C"

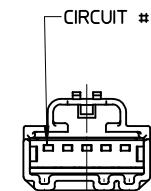
5 WAY MALE HOUSING ASSEMBLY WITHOUT XMAS TREE (VIEWED FROM MATE SIDE)

(Ø20.25) PASS THROUGH
HOLE



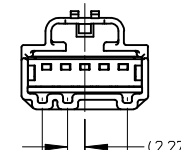
(5.62)

OPTION "A"



OPTION "B"

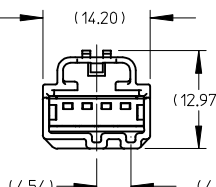
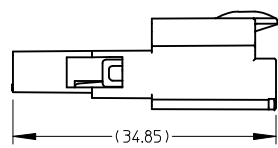
VIEWED FROM MATE SIDE



OPTION "C"

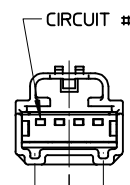
4 WAY MALE HOUSING ASSEMBLY WITHOUT XMAS TREE (VIEWED FROM MATE SIDE)

(Ø18.25) ASSEMBLY PASS
THROUGH HOLE



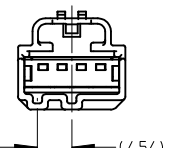
(4.54)

OPTION "A"



OPTION "B"

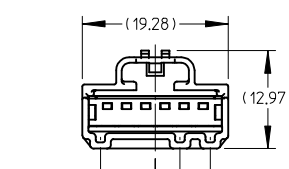
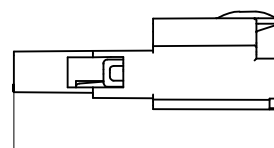
VIEWED FROM MATE SIDE



OPTION "C"

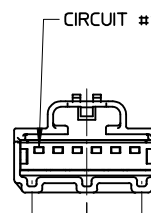
6 WAY MALE HOUSING ASSEMBLY WITHOUT XMAS TREE (VIEWED FROM MATE SIDE)

(Ø22.75) PASS THROUGH
HOLE



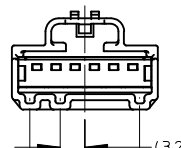
(3.27)

OPTION "A"



OPTION "B"

VIEWED FROM MATE SIDE



OPTION "C"

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
DRW: THERFUR2009/05/12
CHK: TANGELI2009/05/14
APPR: MKNACK 2009/05/14

REV DESCRIPTION

QUALITY SYMBOLS

▽ 0

▽ 0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

mm INCH

4 PLACES ± --- ± ---

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

DEMO 01/04/04

CHECKED BY DATE

APPROVED BY DATE

THIRD ANGLE
PROJECTION

REVISE ON CAD ONLY

MALE ASSEMBLY

CHARTED SALES DRAWING

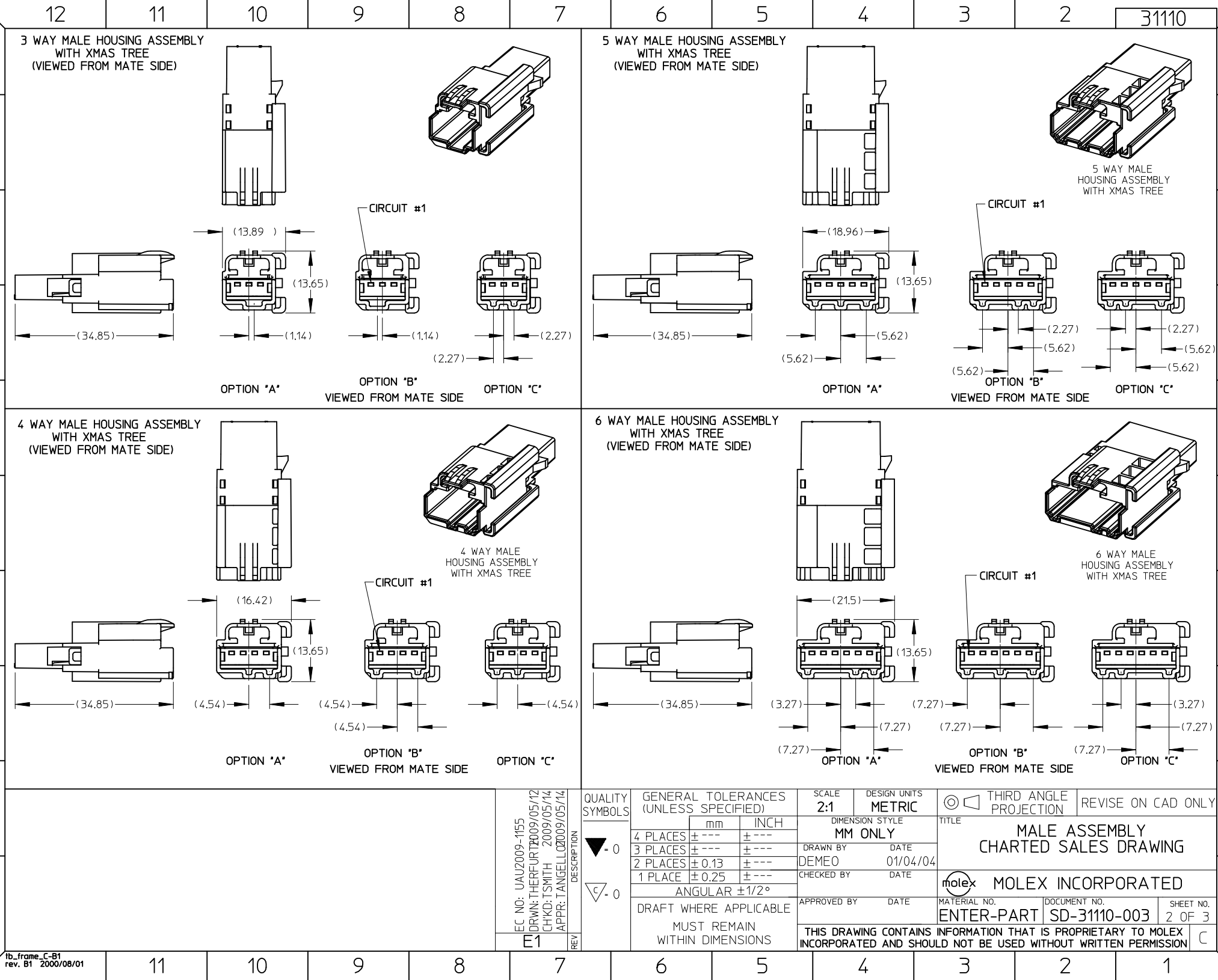
MOLEX INCORPORATED

SEE CHART

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



		13		12		11		10		9		8		7		6		5		4		3		2		31110			
BILL OF MATERIALS														BILL OF MATERIALS															
J	ASSEMBLY PART NUMBER		DESCRIPTION		XMAS TREE ATTACHMENT FEATURE		PART NUMBER		DESCRIPTION		COLOR				ASSEMBLY PART NUMBER		DESCRIPTION		XMAS TREE ATTACHMENT FEATURE		PART NUMBER		DESCRIPTION		COLOR				J
I	31067-1040		3 WAY MALE ASSEMBLY POLARIZATION "A"		NO		31112-0030		MALE HOUSING		BLACK				31072-1040		5 WAY MALE ASSEMBLY POLARIZATION "A"		NO		31169-0050		MALE HOUSING		BLACK				H
							31114-0030		TPA		NATURAL (WHITE)										31170-0050		TPA		NATURAL (WHITE)				
	31067-1041		3 WAY MALE ASSEMBLY POLARIZATION "B"		NO		31112-0031		MALE HOUSING		GRAY				31072-1041		5 WAY MALE ASSEMBLY POLARIZATION "B"		NO		31169-0051		MALE HOUSING		GRAY				
							31114-0030		TPA		NATURAL (WHITE)										31170-0050		TPA		NATURAL (WHITE)				
G	31067-1042		3 WAY MALE ASSEMBLY POLARIZATION "C"		NO		31112-0032		MALE HOUSING		BROWN				31072-1042		5 WAY MALE ASSEMBLY POLARIZATION "C"		NO		31169-0052		MALE HOUSING		BROWN				F
							31114-0030		TPA		NATURAL (WHITE)										31170-0050		TPA		NATURAL (WHITE)				
	31067-1070		3 WAY MALE ASSEMBLY POLARIZATION "A"		YES		31112-1030		MALE HOUSING		BLACK				31072-1070		5 WAY MALE ASSEMBLY POLARIZATION "A"		YES		31169-1050		MALE HOUSING		BLACK				
							31114-0030		TPA		NATURAL (WHITE)										31170-0050		TPA		NATURAL (WHITE)				
E	31067-1071		3 WAY MALE ASSEMBLY POLARIZATION "B"		YES		31112-1031		MALE HOUSING		GRAY				31072-1071		5 WAY MALE ASSEMBLY POLARIZATION "B"		YES		31169-1051		MALE HOUSING		GRAY				D
							31114-0030		TPA		NATURAL (WHITE)										31170-0050		TPA		NATURAL (WHITE)				
	31067-1072		3 WAY MALE ASSEMBLY POLARIZATION "C"		YES		31112-1032		MALE HOUSING		BROWN				31072-1072		5 WAY MALE ASSEMBLY POLARIZATION "C"		YES		31169-1052		MALE HOUSING		BROWN				
							31114-0030		TPA		NATURAL (WHITE)										31170-0050		TPA		NATURAL (WHITE)				
D	31068-1040		4 WAY MALE ASSEMBLY POLARIZATION "A"		NO		31166-0040		MALE HOUSING		BLACK				31073-1040		6 WAY MALE ASSEMBLY POLARIZATION "A"		NO		31172-0060		MALE HOUSING		BLACK				C
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	31068-1041		4 WAY MALE ASSEMBLY POLARIZATION "B"		NO		31166-0031		MALE HOUSING		GRAY				31073-1041		6 WAY MALE ASSEMBLY POLARIZATION "B"		NO		31172-0061		MALE HOUSING		GRAY				
							31167-0040		TPA		NATURAL (WHITE)										31173-0060		TPA		NATURAL (WHITE)				
C	31068-1042		4 WAY MALE ASSEMBLY POLARIZATION "C"		NO		31166-0032		MALE HOUSING		BROWN				31073-1042		6 WAY MALE ASSEMBLY POLARIZATION "C"		NO		31172-0062		MALE HOUSING		BROWN				B
							31167-0040		TPA		NATURAL (WHITE)										31173-0060		TPA		NATURAL (WHITE)				
	31068-1070		4 WAY MALE ASSEMBLY POLARIZATION "A"		YES		31166-1040		MALE HOUSING		BLACK				31073-1070		6 WAY MALE ASSEMBLY POLARIZATION "A"		YES		31172-1060		MALE HOUSING		BLACK				
							31167-0040		TPA		NATURAL (WHITE)										31173-0060		TPA		NATURAL (WHITE)				
B	31068-1071		4 WAY MALE ASSEMBLY POLARIZATION "B"		YES		31166-1041		MALE HOUSING		GRAY				31073-1071		6 WAY MALE ASSEMBLY POLARIZATION "B"		YES		31172-1061		MALE HOUSING		GRAY				A
							31167-0040		TPA		NATURAL (WHITE)										31173-0060		TPA		NATURAL (WHITE)				
	31068-1072		4 WAY MALE ASSEMBLY POLARIZATION "C"		YES		31166-1042		MALE HOUSING		BROWN				31073-1072		6 WAY MALE ASSEMBLY POLARIZATION "C"		YES		31172-1062		MALE HOUSING		BROWN				
							31167-0040		TPA		NATURAL (WHITE)										31173-0060		TPA		NATURAL (WHITE)				
EC NO: UAU2009-1155 DRWN: THERFUR2009/05/12 CHK: TANGELL2009/05/14 APPR: MKNACK 2009/05/14 REV DESCRIPTION QUALITY SYMBOLS ▽ - 0 ▽ - 0 E1 GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 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 CHECKED BY DATE APPROVED BY DATE MATERIAL NO. DOCUMENT NO. SHEET NO. THIRD ANGLE PROJECTION REVISE ON CAD ONLY MALE ASSEMBLY CHARTED SALES DRAWING MOLEX INCORPORATED SEE CHART SD-31110-003 3 OF 3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION C																													
fb_frame_C rev. A 11/01/98		12		11		10		9		8		7		6		5		4		3		2		1					